



TECHNOLOGY IN CONNECTORS™

## SENSOR ACTOR LINE CIRCULAR CONNECTORS





TECHNOLOGY IN CONNECTORS™



GERMANY

As a leading connector manufacturer CONEC develops, produces and markets connectors worldwide to the electronic and communications industry. CONEC is committed to contribute to progress in inter-connect technology, and to satisfy and delight customers through innovation, quality manufacturing and superior services.

CONEC provides global account management in a customer's home country and combines the information received for product and design and delivery of the end product to the customer's multiple manufacturing locations worldwide.

Local sales and engineering support around the globe provides the customer knowledgeable assistance in their own language to fully communicate and to understand the needs of their business environment.





CANADA

USA

CONEC designs and manufactures a wide variety of electronic connector products. CONEC provides reliable and effective solutions to problems faced by electronic equipment manufacturers, contract manufacturers and cable assembly operations.





## OUR PHILOSOPHY – CUSTOMER SATISFACTION.



Quality is realized right from the beginning with Total Quality Management concept. Therefore our customers are included into all our processes, starting with design phase, first sampling, series production release and continuous sales support. The phases will be accompanied by drawings, samples and test reports. The entire quality process is documented and approved. CONEC is certified to ISO/TS16949:2002.

CONEC inhouse is equipped with modern test systems. We can verify the requirements and implement a continuous product improvement process to meet and exceed future requirements. To fulfill international and national requirements most of CONEC product series are registered by UL, CSA or VDE.





## CONEC IS YOUR SPECIALIST FOR DESIGN AND PRODUCTION OF SPECIAL CUSTOMIZED PRODUCTS.

Flexibility, assurance and rapid response are required in today's market more than ever before. CONEC fulfills these demands with central order-processing and well implemented quality control systems. Statistical process control as well as just in time deliveries are a common practice. Numerous customers honored this performance by approving CONEC to a "Preferred Supplier" status.



Are you looking for application-specific solutions?  
Standard products do not meet your needs?  
The implementation deadline is tight?

CONEC experienced design team can create your solution for you:

- Special Interconnect solutions to customers specifications
- Prototypes and small series production batches
- Connectors with increased IP ratings for harsh environments.

Contact us to discuss your special requirements.



TABLE OF CONTENTS

|                  |                                                |                                                                                       |
|------------------|------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>SECTION 1</b> | <b>CONNECTORS OVERMOULDED</b>                  |    |
|                  | Nomenclature – Productspecification            | 1   2                                                                                 |
|                  | M8x1/Ø8mm Connectors                           | 1   10                                                                                |
|                  | M12x1 Connectors                               | 1   41                                                                                |
|                  | 7/8" Connectors                                | 1   85                                                                                |
|                  | Rund24 Connectors                              | 1   101                                                                               |
| <b>SECTION 2</b> | <b>CONNECTORS FIELD-ATTACHABLE</b>             |    |
|                  | Nomenclature – Productspecification            | 2   2                                                                                 |
|                  | M8x1 Connectors                                | 2   14                                                                                |
|                  | M12x1 Connectors                               | 2   22                                                                                |
|                  | 7/8" Connectors                                | 2   34                                                                                |
|                  | M23 Connectors                                 | 2   36                                                                                |
|                  | Rund24 Connectors                              | 2   40                                                                                |
| <b>SECTION 3</b> | <b>SOCKETS</b>                                 |    |
|                  | Nomenclature – Productspecification            | 3   2                                                                                 |
|                  | M8x1 Sockets                                   | 3   10                                                                                |
|                  | M12x1 Sockets                                  | 3   14                                                                                |
|                  | 7/8" Sockets                                   | 3   64                                                                                |
|                  | M12x1 Lead through for switch case             | 3   79                                                                                |
|                  | M12x1 Sockets SMT-version                      | 3   80                                                                                |
| <b>SECTION 4</b> | <b>PANEL PLUGS/-FEMALE PANEL</b>               |  |
|                  | Nomenclature – Productspecification            | 4   2                                                                                 |
|                  | Ø8mm Panel Plugs                               | 4   6                                                                                 |
|                  | M8x1 Panel Plugs                               | 4   14                                                                                |
|                  | M12x1 Panel Plugs                              | 4   15                                                                                |
| <b>SECTION 5</b> | <b>CONNECTORS FOR SPECIAL APPLICATIONS</b>     |  |
|                  | <b>Connectors High Temperature</b>             |                                                                                       |
|                  | Nomenclature – Productspecification            | 5   2                                                                                 |
|                  | M12x1 Connectors overmoulded                   | 5   8                                                                                 |
|                  | M12x1 Sockets                                  | 5   14                                                                                |
|                  | <b>Connectors Food &amp; Beverage Industry</b> |                                                                                       |
|                  | M8x1 Connectors overmoulded                    | 5   26                                                                                |
|                  | M8x1 Sockets                                   | 5   32                                                                                |
|                  | M12x1 Connectors overmoulded                   | 5   33                                                                                |
|                  | M12x1 Sockets                                  | 5   41                                                                                |
|                  | M12x1 Junction boxes                           | 5   45                                                                                |



|                   |                                     |                                                                                       |
|-------------------|-------------------------------------|---------------------------------------------------------------------------------------|
| <b>SECTION 6</b>  | <b>BUS SYSTEMS</b>                  |    |
|                   | Nomenclature – Productspecification | 6   2                                                                                 |
|                   | B-Coding Profibus DP                | 6   16                                                                                |
|                   | D-Coding Industrial Ethernet 100MHz | 6   53                                                                                |
|                   | X-Coding M12x1                      | 6   72                                                                                |
|                   | DeviceNet                           | 6   74                                                                                |
|                   | CAN-Bus                             | 6   87                                                                                |
|                   | D-SUB Profibus DP                   | 6   92                                                                                |
| <b>SECTION 7</b>  | <b>JUNCTION BOXES</b>               |    |
|                   | Nomenclature – Productspecification | 7   2                                                                                 |
|                   | Y-splitter M12x1/M8x1               | 7   12                                                                                |
|                   | DUO-splitter M12x1/M8x1/Valve       | 7   15                                                                                |
|                   | T-splitter M12x1/M8x1               | 7   23                                                                                |
|                   | Adapter                             | 7   26                                                                                |
|                   | Junction boxes M8x1/M12x1           | 7   28                                                                                |
| <b>SECTION 8</b>  | <b>VALVEPLUGS</b>                   |   |
|                   | Nomenclature – Productspecification | 8   2                                                                                 |
|                   | Configuration A                     | 8   4                                                                                 |
|                   | Configuration B-Industry            | 8   6                                                                                 |
|                   | Configuration C                     | 8   10                                                                                |
| <b>SECTION 9</b>  | <b>ACCESSORIES</b>                  |  |
|                   | Torque wrench/ Plug insert          | 9   2                                                                                 |
|                   | Hex nut                             | 9   5                                                                                 |
|                   | Protection caps                     | 9   7                                                                                 |
| <b>SECTION 10</b> | <b>INDEX</b>                        |  |
|                   | Index numeric                       | 10   2                                                                                |



SECTION 1

# CONNECTORS OVERMOULDED

---







# SAL M8x1/Ø8MM CONNECTORS OVERMOULDED

## Nomenclature

S A L - 8 - R K W S 3 - 3 / A 1

SAL  
Sensor Actor Line

Installation size  
8 = M8x1/Ø8 mm

Coding  
= Standard  
B = B-coded

Building  
R = Circular connector

Configuration  
K = Female connector  
S = Male connector

Building  
= Axial  
W = Angled

Version  
F = Thread fixed

Building  
= Screwable  
S = Snap-in  
U = Screwable/Snap-in

Number of poles  
3 = 3-pos  
4 = 4-pos  
5 = 5-pos  
8 = 8-pos

Cable length  
XX = Length [m]

Cable quality  
A1 = PVC, grey  
K1 = TPU, black, high flexible, halogenfree, UL

# SAL M8x1/Ø8MM CONNECTORS OVERMOULDED

## Productspecification

| Basic material      |                           |
|---------------------|---------------------------|
| Contact             | CuZn                      |
| Contact plating     | Ni, Au gal.               |
| Contact carrier     | TPU GF, UL 94 / PA, UL 94 |
| Moulding body       | TPU, UL 94, grau          |
| Sealing             | FPM                       |
| Coupling nut/-screw | GD-Zn, Ni                 |

| Technical Data                                                                  |                 |
|---------------------------------------------------------------------------------|-----------------|
| Information on the following pages are basing on below mentioned IEC-standards. |                 |
| Rated voltage                                                                   | IEC 61076-2-104 |
| Current rating                                                                  | IEC 61076-2-104 |
| Insulation resistance                                                           | IEC 60512       |
| Pollution degree                                                                | IEC 60664-1     |
| Degree of protection                                                            | IEC 60529       |
| Temperature range                                                               | IEC 60664-1     |
| Mating cycles                                                                   | IEC 60512-9a    |

Recommended torque: 0,4 Nm

Technical subject to change without notice.

# SAL M12x1 CONNECTORS OVERMOULDED

## Nomenclature

S A L - 1 2 - R K W 4 - 3 L - 3 / A 1

|                   |                                              |
|-------------------|----------------------------------------------|
| SAL               | Sensor Actor Line                            |
| Installation size |                                              |
| 12                | = M12x1                                      |
| Coding            |                                              |
|                   | = A-coding                                   |
| S                 | = A-coding shielded                          |
| Building          |                                              |
| R                 | = Circular connector                         |
| Configuration     |                                              |
| K                 | = Female connector                           |
| S                 | = Male connector                             |
| Building          |                                              |
|                   | = Axial                                      |
| W                 | = Angled                                     |
| Number of poles   |                                              |
| 3                 | = 3-pos                                      |
| 4                 | = 4-pos                                      |
| 5                 | = 5-pos                                      |
| 6                 | = 6-pos                                      |
| 8                 | = 8-pos                                      |
| 12                | = 12-pos                                     |
| LED-display       |                                              |
| 2L                | = 2 LED-display                              |
| 3L                | = 3 LED-display                              |
| Cable length      |                                              |
| XX                | = Length [m]                                 |
| Cable quality     |                                              |
| A1                | = PVC, grey                                  |
| A3                | = PVC, grey, UL                              |
| G2                | = TPU, black, shielded, UL                   |
| G3                | = PVC, grey, shielded, UL                    |
| J1                | = TPU, orange, irradiated, halogenfree, UL   |
| K1                | = TPU, black, high flexible, halogenfree, UL |



# SAL M12x1 CONNECTORS OVERMOULDED

## Products specification

| Basic material                          |                           |
|-----------------------------------------|---------------------------|
| Contact                                 | CuZn                      |
| Contact plating                         | Ni, Au gal.               |
| Contact carrier                         | TPU GF, UL 94 / PA, UL 94 |
| Moulding body standard configuration    | TPU, UL 94, grey          |
| Moulding body LED-display configuration | TPU, UL 94, transluzent   |
| Sealing                                 | FPM                       |
| Coupling nut/-screw                     | GD-Zn, Ni                 |

| Technical Data                                                                  |                 |
|---------------------------------------------------------------------------------|-----------------|
| Information on the following pages are basing on below mentioned IEC-standards. |                 |
| Rated voltage                                                                   | IEC 61076-2-101 |
| Current rating                                                                  | IEC 61076-2-101 |
| Insulation resistance                                                           | IEC 60512       |
| Pollution degree                                                                | IEC 60664-1     |
| Degree of protection                                                            | IEC 60529       |
| Temperature range                                                               | IEC 60664-1     |
| Mating cycles                                                                   | IEC 60512-9a    |

Recommended torque: 0,6 Nm

Technical subject to change without notice.

# SAL 7/8" CONNECTORS OVERMOULDED

## Nomenclature

S A L - 7 / 8 - R K W 4 - 2 / A 3 / 150

SAL  
Sensor Actor Line

Installation size  
7/8 = 7/8"

Building  
R = Circular connector

Configuration  
K = Female connector  
S = Male connector

Building  
= Axial  
W = Angled

Number of poles  
2PE = 2-pos + Ground  
4 = 4-pos  
4PE = 4-pos + Ground

Cable length  
XX = Length [m]

Cable quality  
A3 = PVC, grey, 300 V, UL  
A6 = PVC, grey, 600 V, UL  
K1 = TPU, black, 300 V, UL  
K0 = TPU, black, 600 V, UL

Wire cross-section  
= 0,75mm²  
150 = 1,5mm²

# SAL 7/8" CONNECTORS OVERMOULDED

## Productspecification

| Basic material      |             |
|---------------------|-------------|
| Contact             | CuZn        |
| Contact plating     | Ni, Au gal. |
| Contact carrier     | TPU, UL 94  |
| Moulding body       | TPU, UL 94  |
| Coupling nut/-screw | CuZn, Ni    |

| Technical Data                                                                  |                   |
|---------------------------------------------------------------------------------|-------------------|
| Information on the following pages are basing on below mentioned IEC-standards. |                   |
| Rated voltage                                                                   | IEC 60664-1       |
| Overvoltage category                                                            | IEC 60664-1 2     |
| Overvoltage impulse                                                             | IEC 60664-1 2,7kV |
| Current rating                                                                  | IEC 60512-3       |
| Insulation resistance                                                           | IEC 60512         |
| Pollution degree                                                                | IEC 60664-1       |
| Degree of protection                                                            | IEC 60529         |
| Temperature range                                                               | IEC 60664-1       |
| Mating cycles                                                                   | IEC 60512-9a      |

Technical subject to change without notice.



# SAL Rund24 CONNECTORS OVERMOULDED

## Nomenclature

S A L - 2 4 - R K W 3 P E - 2 / A 3

|     |                                     |
|-----|-------------------------------------|
| SAL | Sensor Actor Line                   |
| 24  | Installation size<br>= Rund24       |
| R   | Building<br>= Circular connector    |
| K   | Configuration<br>= Female connector |
| S   | = Male connector                    |
| W   | Building<br>= Axial                 |
|     | = Angled                            |
| 3PE | Number of poles<br>= 3-pos + Ground |
| XX  | Cable length<br>= Length [m]        |
| A3  | Cable quality<br>= PVC, grey, UL    |

# SAL RUND24 CONNECTORS OVERMOULDED

## Productspecification

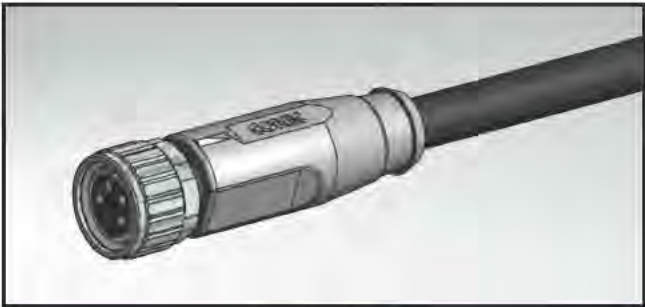
| Basic material      |              |
|---------------------|--------------|
| Contact             | CuZn         |
| Contact plating     | Ni, Ag gal.  |
| Contact carrier     | PA GF, UL 94 |
| Moulding body       | TPU, UL 94   |
| Sealing             | FPM          |
| Coupling nut/-screw | PA GF, UL 94 |

| Technical Data                                                                  |              |
|---------------------------------------------------------------------------------|--------------|
| Information on the following pages are basing on below mentioned IEC-standards. |              |
| Rated voltage                                                                   | IEC 60664-1  |
| Current rating                                                                  | IEC 60512-3  |
| Insulation resistance                                                           | IEC 60512    |
| Pollution degree                                                                | IEC 60664-1  |
| Degree of protection                                                            | IEC 60529    |
| Temperature range                                                               | IEC 60664-1  |
| Mating cycles                                                                   | IEC 60512-9a |

Technical subject to change without notice.

# SAL M8x1 CONNECTORS

Female connector, axial, screwable



RoHS compliant

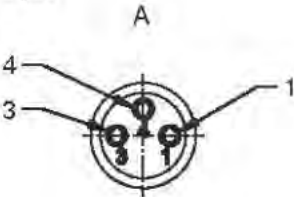
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

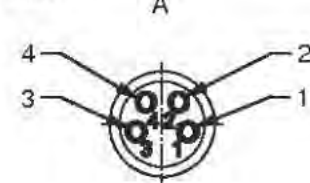
PRODUCT DRAWING

Pin Configuration

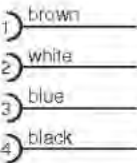
3-pos



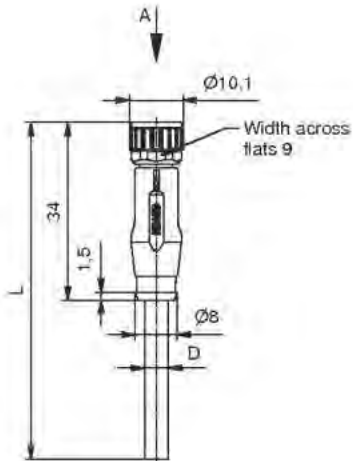
4-pos



Contact Assignment



Dimension



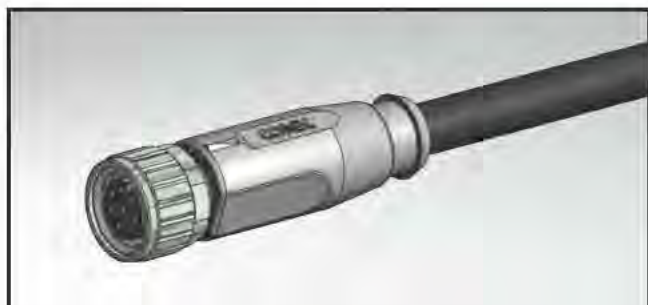
ORDER DATA

| Cable                                            | Length/L | Description     | 3-pos<br>Part-no. | Description     | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|-----------------|-------------------|-----------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RK3-2/A1  | 42-10000          | SAL-8-RK4-2/A1  | 42-10032          |
|                                                  | 3m       | SAL-8-RK3-3/A1  | 42-10001          | SAL-8-RK4-3/A1  | 42-10033          |
|                                                  | 5m       | SAL-8-RK3-5/A1  | 42-10002          | SAL-8-RK4-5/A1  | 42-10034          |
|                                                  | 10m      | SAL-8-RK3-10/A1 | 42-10003          | SAL-8-RK4-10/A1 | 42-10035          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RK3-2/K1  | 42-10004          | SAL-8-RK4-2/K1  | 42-10036          |
|                                                  | 3m       | SAL-8-RK3-3/K1  | 42-10005          | SAL-8-RK4-3/K1  | 42-10037          |
|                                                  | 5m       | SAL-8-RK3-5/K1  | 42-10006          | SAL-8-RK4-5/K1  | 42-10038          |
|                                                  | 10m      | SAL-8-RK3-10/K1 | 42-10007          | SAL-8-RK4-10/K1 | 42-10039          |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Female connector, axial, screwable



RoHS compliant

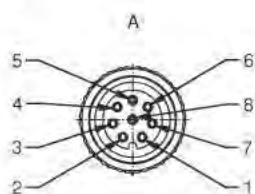
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 1,5A at +40°C           |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

## PRODUCT DRAWING

### Pin Configuration

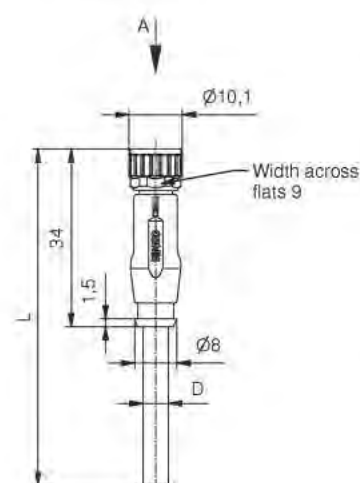
8-pos



### Contact Assignment

|           |         |
|-----------|---------|
| 1) white  | 5) grey |
| 2) brown  | 6) pink |
| 3) green  | 7) blue |
| 4) yellow | 8) red  |

### Dimension



## ORDER DATA

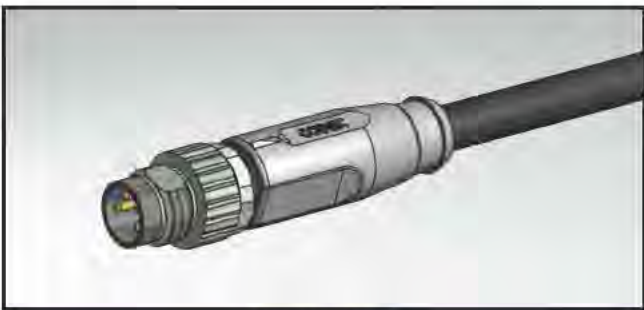
| Cable                                            | Length/L | Description     | 8-pos Part-no. |
|--------------------------------------------------|----------|-----------------|----------------|
| PVC grey<br>LiYY 0,14 mm²                        | 2m       | SAL-8-RK8-2/A1  | 42-11226       |
|                                                  | 3m       | SAL-8-RK8-3/A1  | 42-11227       |
|                                                  | 5m       | SAL-8-RK8-5/A1  | 42-11228       |
|                                                  | 10m      | SAL-8-RK8-10/A1 | 42-11229       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,14 mm² | 2m       | SAL-8-RK8-2/K1  | 42-11175       |
|                                                  | 3m       | SAL-8-RK8-3/K1  | 42-11176       |
|                                                  | 5m       | SAL-8-RK8-5/K1  | 42-11177       |
|                                                  | 10m      | SAL-8-RK8-10/K1 | 42-11178       |

For custom length or quality levels contact factory



# SAL M8x1 CONNECTORS

Male connector, axial, screwable



RoHS compliant

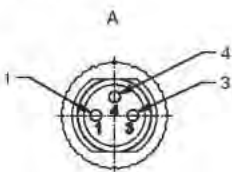
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

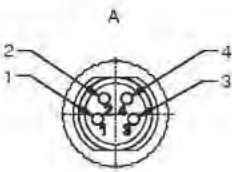
PRODUCT DRAWING

Pin Configuration

3-pos



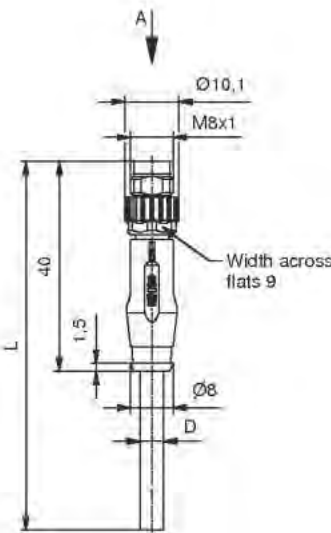
4-pos



Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black

Dimension



ORDER DATA

| Cable                                           | Length/L | Description     | 3-pos<br>Part-no. | Description     | 4-pos<br>Part-no. |
|-------------------------------------------------|----------|-----------------|-------------------|-----------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                       | 2m       | SAL-8-RS3-2/A1  | 42-10008          | SAL-8-RS4-2/A1  | 42-10040          |
|                                                 | 3m       | SAL-8-RS3-3/A1  | 42-10009          | SAL-8-RS4-3/A1  | 42-10041          |
|                                                 | 5m       | SAL-8-RS3-5/A1  | 42-10010          | SAL-8-RS4-5/A1  | 42-10042          |
|                                                 | 10m      | SAL-8-RS3-10/A1 | 42-10011          | SAL-8-RS4-10/A1 | 42-10043          |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RS3-2/K1  | 42-10012          | SAL-8-RS4-2/K1  | 42-10044          |
|                                                 | 3m       | SAL-8-RS3-3/K1  | 42-10013          | SAL-8-RS4-3/K1  | 42-10045          |
|                                                 | 5m       | SAL-8-RS3-5/K1  | 42-10014          | SAL-8-RS4-5/K1  | 42-10046          |
|                                                 | 10m      | SAL-8-RS3-10/K1 | 42-10015          | SAL-8-RS4-10/K1 | 42-10047          |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Male connector, axial, screwable



RoHS compliant

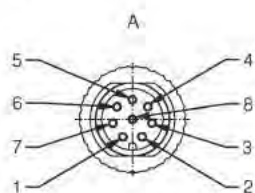
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 1,5A at +40°C           |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

## PRODUCT DRAWING

### Pin Configuration

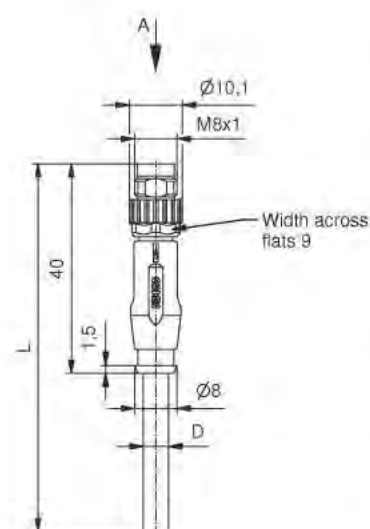
8-pos



### Contact Assignment

|          |        |
|----------|--------|
| 1 white  | 5 grey |
| 2 brown  | 6 pink |
| 3 green  | 7 blue |
| 4 yellow | 8 red  |

### Dimension



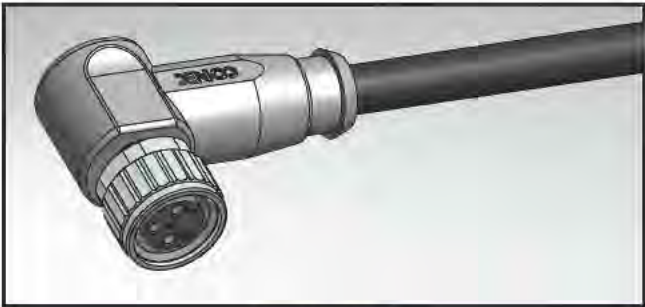
## ORDER DATA

| Cable                                            | Length / L | Description       | 8-pos Part-no. |
|--------------------------------------------------|------------|-------------------|----------------|
| PVC grey<br>LiYY 0,14 mm²                        | 2m         | SAL-8-RS8-2 / A1  | 42-11230       |
|                                                  | 3m         | SAL-8-RS8-3 / A1  | 42-11231       |
|                                                  | 5m         | SAL-8-RS8-5 / A1  | 42-11232       |
|                                                  | 10m        | SAL-8-RS8-10 / A1 | 42-11233       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,14 mm² | 2m         | SAL-8-RS8-2 / K1  | 42-11179       |
|                                                  | 3m         | SAL-8-RS8-3 / K1  | 42-11180       |
|                                                  | 5m         | SAL-8-RS8-5 / K1  | 42-11181       |
|                                                  | 10m        | SAL-8-RS8-10 / K1 | 42-11182       |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Female connector, angled, screwable



RoHS compliant

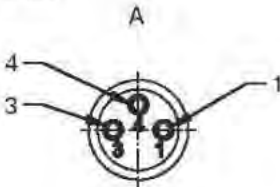
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

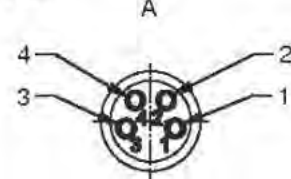
PRODUCT DRAWING

Pin Configuration

3-pos



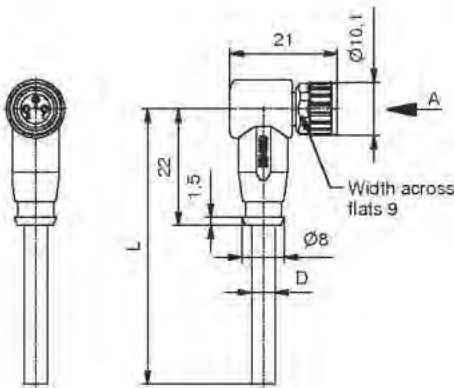
4-pos



Contact Assignment



Dimension



ORDER DATA

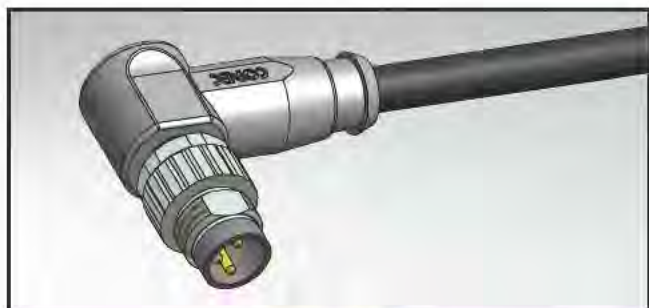
| Cable                                            | Length/L | Description      | 3-pos<br>Part-no. | Description      | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|------------------|-------------------|------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RKW3-2/A1  | 42-10016          | SAL-8-RKW4-2/A1  | 42-10048          |
|                                                  | 3m       | SAL-8-RKW3-3/A1  | 42-10017          | SAL-8-RKW4-3/A1  | 42-10049          |
|                                                  | 5m       | SAL-8-RKW3-5/A1  | 42-10018          | SAL-8-RKW4-5/A1  | 42-10050          |
|                                                  | 10m      | SAL-8-RKW3-10/A1 | 42-10019          | SAL-8-RKW4-10/A1 | 42-10051          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RKW3-2/K1  | 42-10020          | SAL-8-RKW4-2/K1  | 42-10052          |
|                                                  | 3m       | SAL-8-RKW3-3/K1  | 42-10021          | SAL-8-RKW4-3/K1  | 42-10053          |
|                                                  | 5m       | SAL-8-RKW3-5/K1  | 42-10022          | SAL-8-RKW4-5/K1  | 42-10054          |
|                                                  | 10m      | SAL-8-RKW3-10/K1 | 42-10023          | SAL-8-RKW4-10/K1 | 42-10055          |

For custom length or quality levels contact factory



# SAL M8x1 CONNECTORS

Male connector, angled, screwable



RoHS compliant

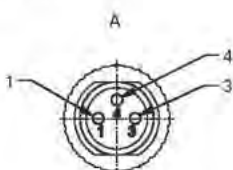
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

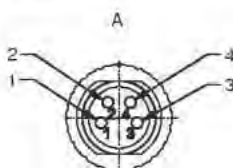
## PRODUCT DRAWING

### Pin Configuration

3-pos



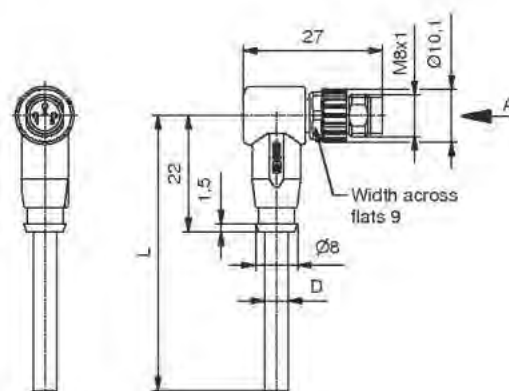
4-pos



### Contact Assignment

|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |

### Dimension



## ORDER DATA

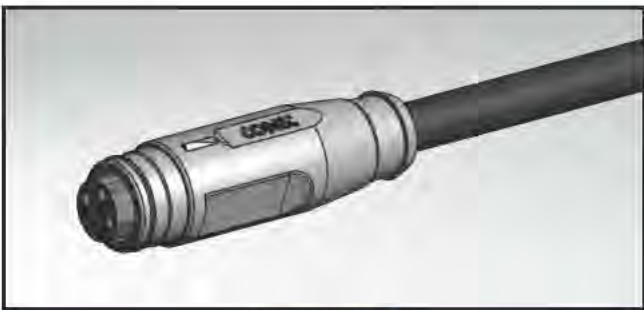
| Cable                                            | Length/L | Description      | 3-pos<br>Part-no. | Description      | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|------------------|-------------------|------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RSW3-2/A1  | 42-10024          | SAL-8-RSW4-2/A1  | 42-10056          |
|                                                  | 3m       | SAL-8-RSW3-3/A1  | 42-10025          | SAL-8-RSW4-3/A1  | 42-10057          |
|                                                  | 5m       | SAL-8-RSW3-5/A1  | 42-10026          | SAL-8-RSW4-5/A1  | 42-10058          |
|                                                  | 10m      | SAL-8-RSW3-10/A1 | 42-10027          | SAL-8-RSW4-10/A1 | 42-10059          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RSW3-2/K1  | 42-10028          | SAL-8-RSW4-2/K1  | 42-10060          |
|                                                  | 3m       | SAL-8-RSW3-3/K1  | 42-10029          | SAL-8-RSW4-3/K1  | 42-10061          |
|                                                  | 5m       | SAL-8-RSW3-5/K1  | 42-10030          | SAL-8-RSW4-5/K1  | 42-10062          |
|                                                  | 10m      | SAL-8-RSW3-10/K1 | 42-10031          | SAL-8-RSW4-10/K1 | 42-10063          |

For custom length or quality levels contact factory



# SAL Ø8MM CONNECTORS

Female connector, axial, snap-in



RoHS compliant

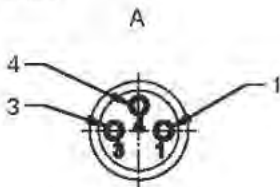
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

## PRODUCT DRAWING

### Pin Configuration

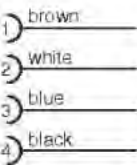
3-pos



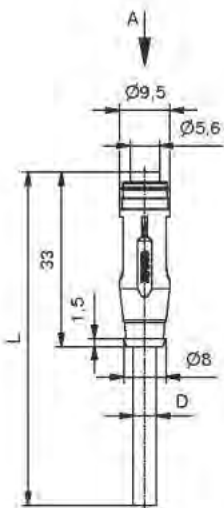
4-pos



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                            | Length/L | Description        | 3-pos<br>Part-no. | Description        | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|--------------------|-------------------|--------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RKS3-2 / A1  | 42-10064          | SAL-8-RKS4-2 / A1  | 42-10096          |
|                                                  | 3m       | SAL-8-RKS3-3 / A1  | 42-10065          | SAL-8-RKS4-3 / A1  | 42-10097          |
|                                                  | 5m       | SAL-8-RKS3-5 / A1  | 42-10066          | SAL-8-RKS4-5 / A1  | 42-10098          |
|                                                  | 10m      | SAL-8-RKS3-10 / A1 | 42-10067          | SAL-8-RKS4-10 / A1 | 42-10099          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RKS3-2 / K1  | 42-10068          | SAL-8-RKS4-2 / K1  | 42-10100          |
|                                                  | 3m       | SAL-8-RKS3-3 / K1  | 42-10069          | SAL-8-RKS4-3 / K1  | 42-10101          |
|                                                  | 5m       | SAL-8-RKS3-5 / K1  | 42-10070          | SAL-8-RKS4-5 / K1  | 42-10102          |
|                                                  | 10m      | SAL-8-RKS3-10 / K1 | 42-10071          | SAL-8-RKS4-10 / K1 | 42-10103          |

For custom length or quality levels contact factory

# SAL Ø8MM CONNECTORS

Male connector, axial, snap-in



RoHS compliant

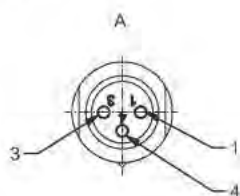
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

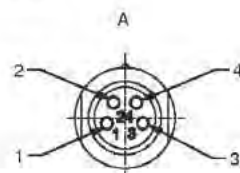
## PRODUCT DRAWING

### Pin Configuration

3-pos



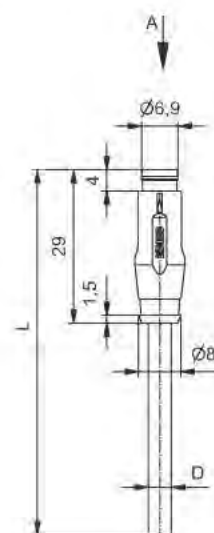
4-pos



### Contact Assignment

|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |

### Dimension



## ORDER DATA

| Cable                                            | Length/L | Description        | 3-pos<br>Part-no. | Description        | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|--------------------|-------------------|--------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RSS3-2 / A1  | 42-10532          | SAL-8-RSS4-2 / A1  | 42-10531          |
|                                                  | 3m       | SAL-8-RSS3-3 / A1  | 42-10746          | SAL-8-RSS4-3 / A1  | 42-10749          |
|                                                  | 5m       | SAL-8-RSS3-5 / A1  | 42-10747          | SAL-8-RSS4-5 / A1  | 42-10750          |
|                                                  | 10m      | SAL-8-RSS3-10 / A1 | 42-10748          | SAL-8-RSS4-10 / A1 | 42-10751          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RSS3-2 / K1  | 42-10760          | SAL-8-RSS4-2 / K1  | 42-10764          |
|                                                  | 3m       | SAL-8-RSS3-3 / K1  | 42-10761          | SAL-8-RSS4-3 / K1  | 42-10765          |
|                                                  | 5m       | SAL-8-RSS3-5 / K1  | 42-10762          | SAL-8-RSS4-5 / K1  | 42-10766          |
|                                                  | 10m      | SAL-8-RSS3-10 / K1 | 42-10763          | SAL-8-RSS4-10 / K1 | 42-10767          |

For custom length or quality levels contact factory

# SAL M8X1/Ø8MM CONNECTORS

Male connector, axial, screwable/snap-in



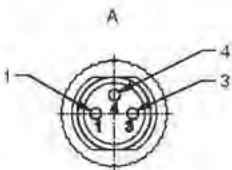
RoHS compliant

| TECHNICAL DATA        |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

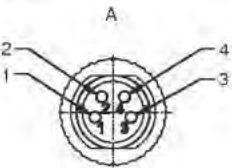
## PRODUCT DRAWING

### Pin Configuration

3-pos



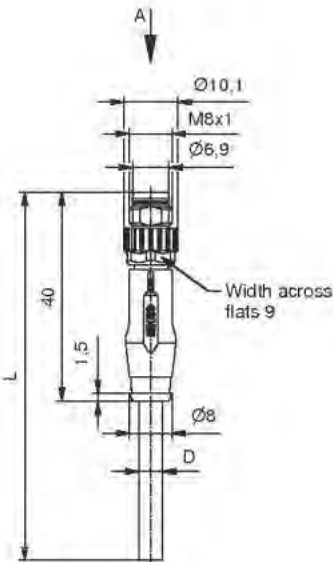
4-pos



### Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black

### Dimension



## ORDER DATA

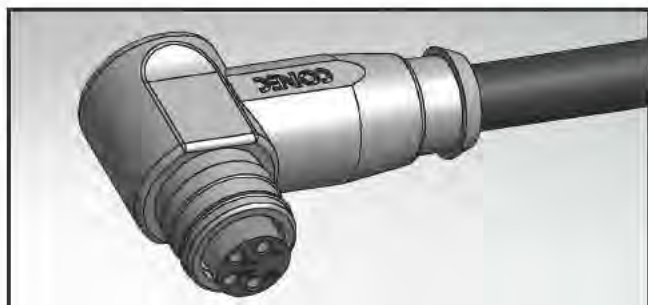
| Cable                                            | Length/L | Description      | 3-pos<br>Part-no. | Description      | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|------------------|-------------------|------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RSU3-2/A1  | 42-10072          | SAL-8-RSU4-2/A1  | 42-10104          |
|                                                  | 3m       | SAL-8-RSU3-3/A1  | 42-10073          | SAL-8-RSU4-3/A1  | 42-10105          |
|                                                  | 5m       | SAL-8-RSU3-5/A1  | 42-10074          | SAL-8-RSU4-5/A1  | 42-10106          |
|                                                  | 10m      | SAL-8-RSU3-10/A1 | 42-10075          | SAL-8-RSU4-10/A1 | 42-10107          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RSU3-2/K1  | 42-10076          | SAL-8-RSU4-2/K1  | 42-10108          |
|                                                  | 3m       | SAL-8-RSU3-3/K1  | 42-10077          | SAL-8-RSU4-3/K1  | 42-10109          |
|                                                  | 5m       | SAL-8-RSU3-5/K1  | 42-10078          | SAL-8-RSU4-5/K1  | 42-10110          |
|                                                  | 10m      | SAL-8-RSU3-10/K1 | 42-10079          | SAL-8-RSU4-10/K1 | 42-10111          |

For custom length or quality levels contact factory



# SAL Ø8MM CONNECTORS

Female connector, angled, snap-in



RoHS compliant

## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

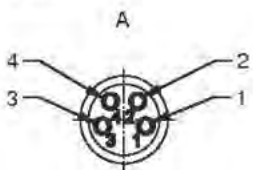
## PRODUCT DRAWING

### Pin Configuration

3-pos



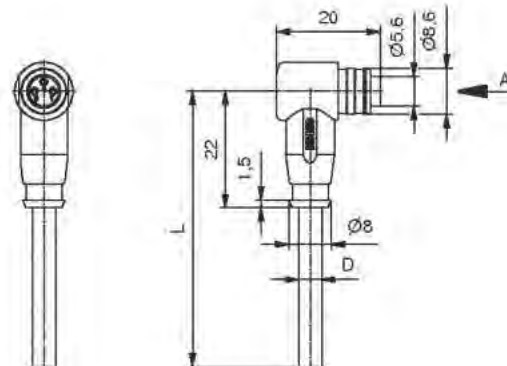
4-pos



### Contact Assignment



### Dimension



## ORDER DATA

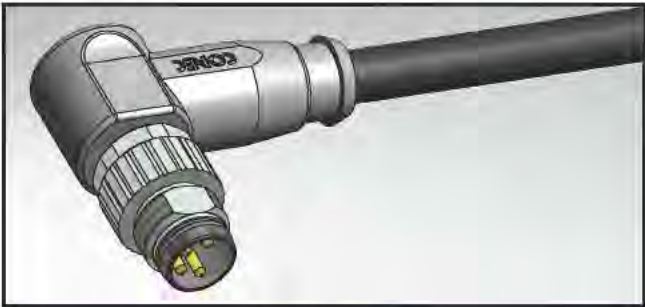
| Cable                                            | Length/L | Description       | 3-pos<br>Part-no. | Description       | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|-------------------|-------------------|-------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RKWS3-2/A1  | 42-10080          | SAL-8-RKWS4-2/A1  | 42-10112          |
|                                                  | 3m       | SAL-8-RKWS3-3/A1  | 42-10081          | SAL-8-RKWS4-3/A1  | 42-10113          |
|                                                  | 5m       | SAL-8-RKWS3-5/A1  | 42-10082          | SAL-8-RKWS4-5/A1  | 42-10114          |
|                                                  | 10m      | SAL-8-RKWS3-10/A1 | 42-10083          | SAL-8-RKWS4-10/A1 | 42-10115          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RKWS3-2/K1  | 42-10084          | SAL-8-RKWS4-2/K1  | 42-10116          |
|                                                  | 3m       | SAL-8-RKWS3-3/K1  | 42-10085          | SAL-8-RKWS4-3/K1  | 42-10117          |
|                                                  | 5m       | SAL-8-RKWS3-5/K1  | 42-10086          | SAL-8-RKWS4-5/K1  | 42-10118          |
|                                                  | 10m      | SAL-8-RKWS3-10/K1 | 42-10087          | SAL-8-RKWS4-10/K1 | 42-10119          |

For custom length or quality levels contact factory



# SAL M8x1 / Ø8mm CONNECTORS

Male connector, angled, screwable/snap-in



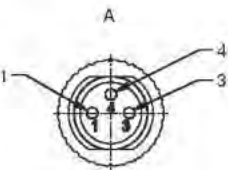
RoHS compliant

| TECHNICAL DATA        |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

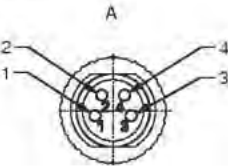
## PRODUCT DRAWING

### Pin Configuration

3-pos



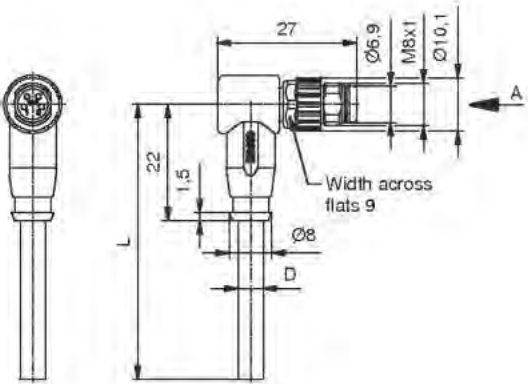
4-pos



### Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black

### Dimension



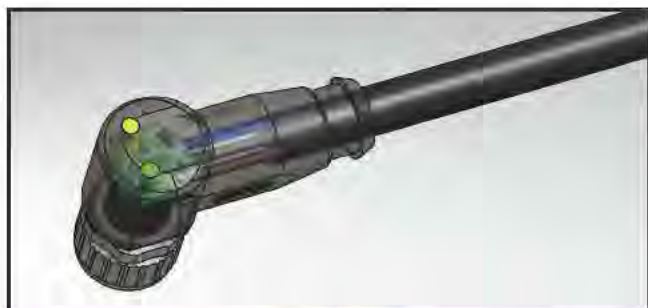
## ORDER DATA

| Cable                                            | Length/L | Description       | 3-pos<br>Part-no. | Description       | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|-------------------|-------------------|-------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RSWU3-2/A1  | 42-10088          | SAL-8-RSWU4-2/A1  | 42-10120          |
|                                                  | 3m       | SAL-8-RSWU3-3/A1  | 42-10089          | SAL-8-RSWU4-3/A1  | 42-10121          |
|                                                  | 5m       | SAL-8-RSWU3-5/A1  | 42-10090          | SAL-8-RSWU4-5/A1  | 42-10122          |
|                                                  | 10m      | SAL-8-RSWU3-10/A1 | 42-10091          | SAL-8-RSWU4-10/A1 | 42-10123          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RSWU3-2/K1  | 42-10092          | SAL-8-RSWU4-2/K1  | 42-10124          |
|                                                  | 3m       | SAL-8-RSWU3-3/K1  | 42-10093          | SAL-8-RSWU4-3/K1  | 42-10125          |
|                                                  | 5m       | SAL-8-RSWU3-5/K1  | 42-10094          | SAL-8-RSWU4-5/K1  | 42-10126          |
|                                                  | 10m      | SAL-8-RSWU3-10/K1 | 42-10095          | SAL-8-RSWU4-10/K1 | 42-10127          |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Female connector, angled with 2-Indicators LED-display



RoHS compliant

## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

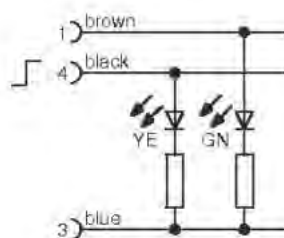
## PRODUCT DRAWING

### Pin Configuration

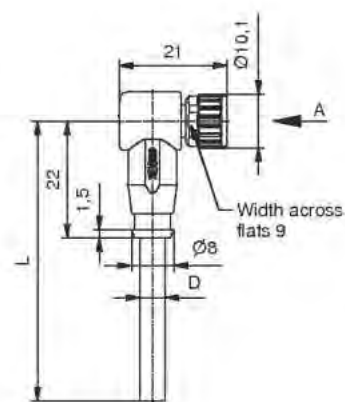
3-pos



### Contact Assignment



### Dimension



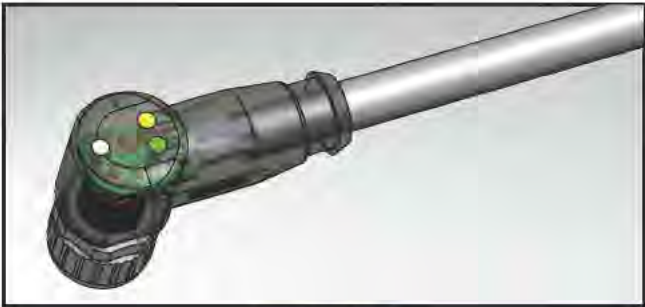
## ORDER DATA

| Cable                                            | Length/L | Description         | 3-pos Part-no. |
|--------------------------------------------------|----------|---------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RKW3-2L-2/A1  | 42-10452       |
|                                                  | 3m       | SAL-8-RKW3-2L-3/A1  | 42-10453       |
|                                                  | 5m       | SAL-8-RKW3-2L-5/A1  | 42-10454       |
|                                                  | 10m      | SAL-8-RKW3-2L-10/A1 | 42-10455       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RKW3-2L-2/K1  | 42-10456       |
|                                                  | 3m       | SAL-8-RKW3-2L-3/K1  | 42-10457       |
|                                                  | 5m       | SAL-8-RKW3-2L-5/K1  | 42-10458       |
|                                                  | 10m      | SAL-8-RKW3-2L-10/K1 | 42-10459       |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Female connector, angled with 3-Indicators LED-display



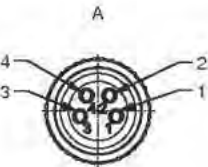
RoHS compliant

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 4-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

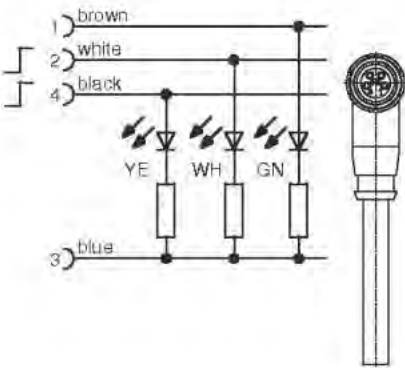
## PRODUCT DRAWING

### Pin Configuration

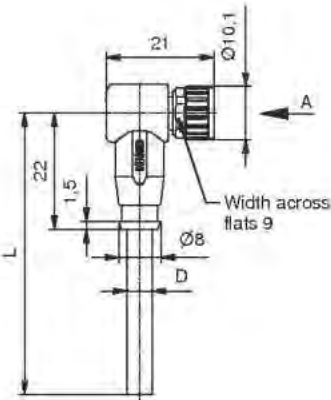
4-pos



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                            | Length/L | Description           | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|-----------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8-RKW4-3L-2 / A1  | 42-10460          |
|                                                  | 3m       | SAL-8-RKW4-3L-3 / A1  | 42-10461          |
|                                                  | 5m       | SAL-8-RKW4-3L-5 / A1  | 42-10462          |
|                                                  | 10m      | SAL-8-RKW4-3L-10 / A1 | 42-10463          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8-RKW4-3L-2 / K1  | 42-10464          |
|                                                  | 3m       | SAL-8-RKW4-3L-3 / K1  | 42-10465          |
|                                                  | 5m       | SAL-8-RKW4-3L-5 / K1  | 42-10466          |
|                                                  | 10m      | SAL-8-RKW4-3L-10 / K1 | 42-10467          |

For custom length or quality levels contact factory



# SAL M8X1/Ø8MM CONNECTORS

Male connector, axial, screwable/snap-in, thread fixed



RoHS compliant

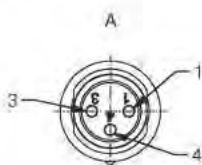
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

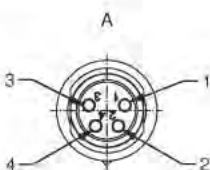
## PRODUCT DRAWING

### Pin Configuration

3-pos



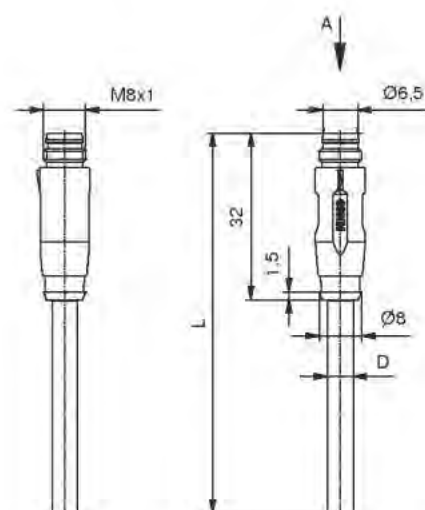
4-pos



### Contact Assignment

|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |

### Dimension



## ORDER DATA

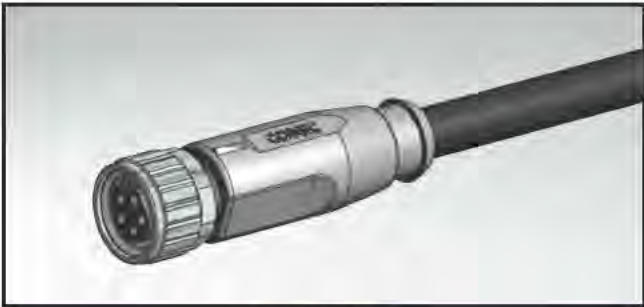
| Cable                                            | Length/L | Description        | 3-pos<br>Part-no. | Description        | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|--------------------|-------------------|--------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,5m     | SAL-8-RSFU3-0,5/A1 | 42-11187          | SAL-8-RSFU4-0,5/A1 | 42-11195          |
|                                                  | 1m       | SAL-8-RSFU3-1/A1   | 42-11188          | SAL-8-RSFU4-1/A1   | 42-11196          |
|                                                  | 2m       | SAL-8-RSFU3-2/A1   | 42-11189          | SAL-8-RSFU4-2/A1   | 42-11197          |
|                                                  | 3m       | SAL-8-RSFU3-3/A1   | 42-11190          | SAL-8-RSFU4-3/A1   | 42-11198          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,5m     | SAL-8-RSFU3-0,5/K1 | 42-11191          | SAL-8-RSFU4-0,5/K1 | 42-11199          |
|                                                  | 1m       | SAL-8-RSFU3-1/K1   | 42-11192          | SAL-8-RSFU4-1/K1   | 42-11200          |
|                                                  | 2m       | SAL-8-RSFU3-2/K1   | 42-11193          | SAL-8-RSFU4-2/K1   | 42-11201          |
|                                                  | 3m       | SAL-8-RSFU3-3/K1   | 42-11194          | SAL-8-RSFU4-3/K1   | 42-11202          |

For custom length or quality levels contact factory



# SAL M8x1 CONNECTORS

Female connector, axial, screwable, B-coding



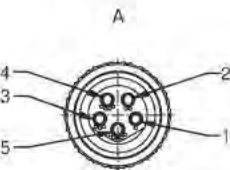
RoHS compliant

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 5-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

## PRODUCT DRAWING

### Pin Configuration

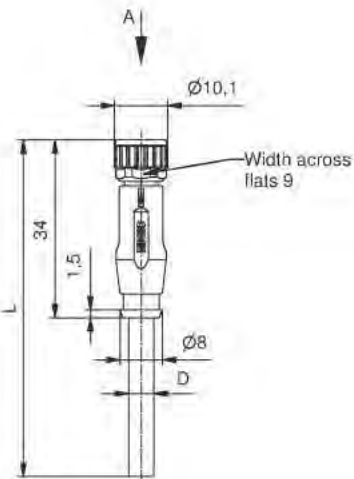
5-pos



### Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 grey

### Dimension



## ORDER DATA

| Cable                                           | Length / L | Description          | 5-pos Part-no. |
|-------------------------------------------------|------------|----------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 2m         | SAL-8B-RK5.1-2 / A1  | 42-11104       |
|                                                 | 3m         | SAL-8B-RK5.1-3 / A1  | 42-11105       |
|                                                 | 5m         | SAL-8B-RK5.1-5 / A1  | 42-11106       |
|                                                 | 10m        | SAL-8B-RK5.1-10 / A1 | 42-11107       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m         | SAL-8B-RK5.1-2 / K1  | 42-11096       |
|                                                 | 3m         | SAL-8B-RK5.1-3 / K1  | 42-11097       |
|                                                 | 5m         | SAL-8B-RK5.1-5 / K1  | 42-11098       |
|                                                 | 10m        | SAL-8B-RK5.1-10 / K1 | 42-11099       |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Male connector, angled, screwable, B-coding



RoHS compliant

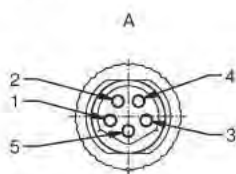
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 5-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

## PRODUCT DRAWING

### Pin Configuration

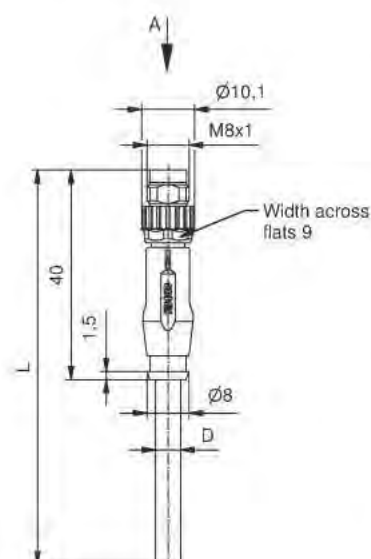
5-pos



### Contact Assignment

|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |
| 5 | grey  |

### Dimension



## ORDER DATA

| Cable                                           | Length / L | Description          | 5-pos Part-no. |
|-------------------------------------------------|------------|----------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 2m         | SAL-8B-RS5.1-2 / A1  | 42-11120       |
|                                                 | 3m         | SAL-8B-RS5.1-3 / A1  | 42-11121       |
|                                                 | 5m         | SAL-8B-RS5.1-5 / A1  | 42-11122       |
|                                                 | 10m        | SAL-8B-RS5.1-10 / A1 | 42-11123       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m         | SAL-8B-RS5.1-2 / K1  | 42-11112       |
|                                                 | 3m         | SAL-8B-RS5.1-3 / K1  | 42-11113       |
|                                                 | 5m         | SAL-8B-RS5.1-5 / K1  | 42-11114       |
|                                                 | 10m        | SAL-8B-RS5.1-10 / K1 | 42-11115       |

For custom length or quality levels contact factory

# SAL Ø8MM CONNECTORS

Female connector, axial, snap-in, B-coding



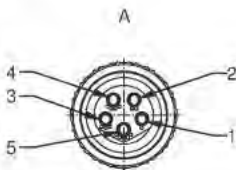
RoHS compliant

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 5-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

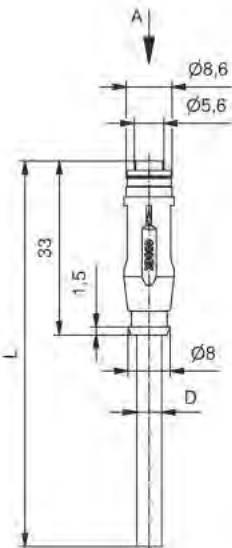
5-pos



Contact Assignment

- 1) brown
- 2) white
- 3) blue
- 4) black
- 5) grey

Dimension



ORDER DATA

| Cable                                            | Length / L | Description           | 5-pos Part-no. |
|--------------------------------------------------|------------|-----------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m         | SAL-8B-RKS5.1-2 / A1  | 42-11108       |
|                                                  | 3m         | SAL-8B-RKS5.1-3 / A1  | 42-11109       |
|                                                  | 5m         | SAL-8B-RKS5.1-5 / A1  | 42-11110       |
|                                                  | 10m        | SAL-8B-RKS5.1-10 / A1 | 42-11111       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m         | SAL-8B-RKS5.1-2 / K1  | 42-11100       |
|                                                  | 3m         | SAL-8B-RKS5.1-3 / K1  | 42-11101       |
|                                                  | 5m         | SAL-8B-RKS5.1-5 / K1  | 42-11102       |
|                                                  | 10m        | SAL-8B-RKS5.1-10 / K1 | 42-11103       |

For custom length or quality levels contact factory

# SAL Ø8MM CONNECTORS

Male connector, axial, snap-in, B-coding



RoHS compliant

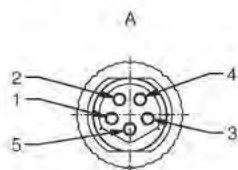
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 5-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

## PRODUCT DRAWING

### Pin Configuration

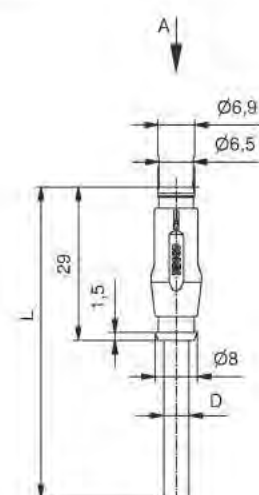
5-pos



### Contact Assignment

|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |
| 5 | grey  |

### Dimension



## ORDER DATA

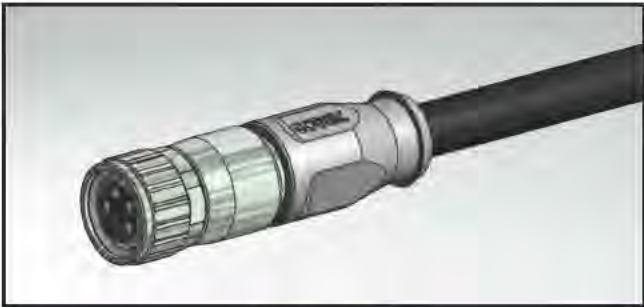
| Cable                                            | Length/L | Description         | 5-pos<br>Part-no. |
|--------------------------------------------------|----------|---------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-8B-RSS5.1-2/A1  | 42-11124          |
|                                                  | 3m       | SAL-8B-RSS5.1-3/A1  | 42-11125          |
|                                                  | 5m       | SAL-8B-RSS5.1-5/A1  | 42-11126          |
|                                                  | 10m      | SAL-8B-RSS5.1-10/A1 | 42-11127          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-8B-RSS5.1-2/K1  | 42-11116          |
|                                                  | 3m       | SAL-8B-RSS5.1-3/K1  | 42-11117          |
|                                                  | 5m       | SAL-8B-RSS5.1-5/K1  | 42-11118          |
|                                                  | 10m      | SAL-8B-RSS5.1-10/K1 | 42-11119          |

For custom length or quality levels contact factory



# SAL M8x1 CONNECTORS

Female connector, axial, screwable, with 360°-shielding



RoHS compliant

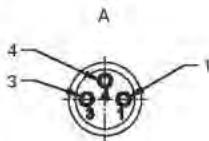
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

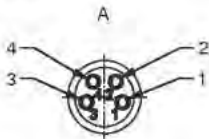
PRODUCT DRAWING

Pin Configuration

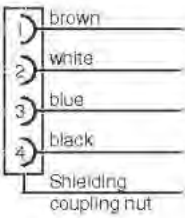
3-pos



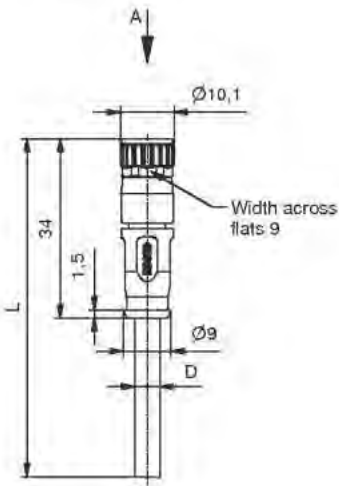
4-pos



Contact Assignment



Dimension



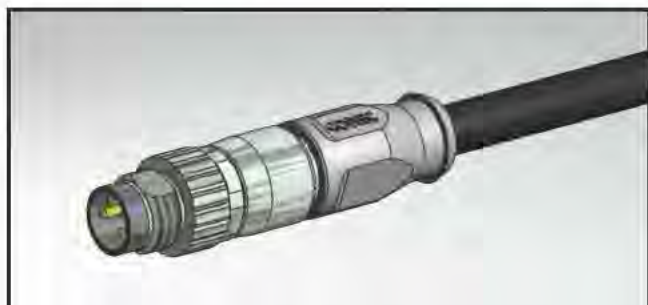
ORDER DATA

| Cable                                             | Length/L | Description        | 3-pos<br>Part-no. | Description        | 4-pos<br>Part-no. |
|---------------------------------------------------|----------|--------------------|-------------------|--------------------|-------------------|
| PVC UL grey<br>LiYFCY 0,25 mm²                    | 2m       | SAL-8S-RK3-2 / G3  | 42-10843          | SAL-8S-RK4-2 / G3  | 42-10851          |
|                                                   | 3m       | SAL-8S-RK3-3 / G3  | 42-10844          | SAL-8S-RK4-3 / G3  | 42-10852          |
|                                                   | 5m       | SAL-8S-RK3-5 / G3  | 42-10845          | SAL-8S-RK4-5 / G3  | 42-10853          |
|                                                   | 10m      | SAL-8S-RK3-10 / G3 | 42-10846          | SAL-8S-RK4-10 / G3 | 42-10854          |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm² | 2m       | SAL-8S-RK3-2 / G2  | 42-10847          | SAL-8S-RK4-2 / G2  | 42-10855          |
|                                                   | 3m       | SAL-8S-RK3-3 / G2  | 42-10848          | SAL-8S-RK4-3 / G2  | 42-10856          |
|                                                   | 5m       | SAL-8S-RK3-5 / G2  | 42-10849          | SAL-8S-RK4-5 / G2  | 42-10857          |
|                                                   | 10m      | SAL-8S-RK3-10 / G2 | 42-10850          | SAL-8S-RK4-10 / G2 | 42-10858          |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Male connector, axial, screwable, with 360°-shielding



RoHS compliant

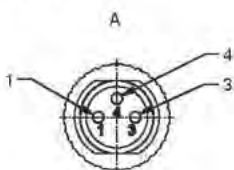
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

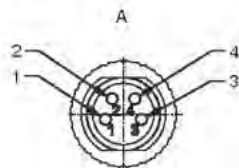
## PRODUCT DRAWING

### Pin Configuration

3-pos



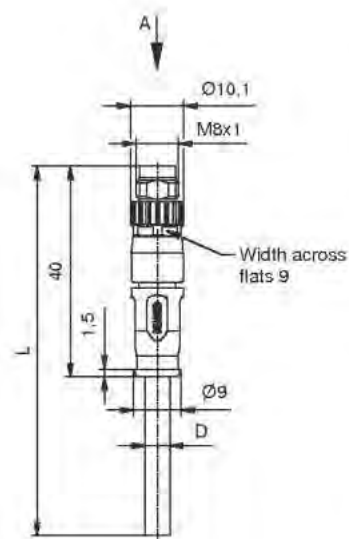
4-pos



### Contact Assignment

|                          |       |
|--------------------------|-------|
| 1                        | brown |
| 2                        | white |
| 3                        | blue  |
| 4                        | black |
| Shielding coupling screw |       |

### Dimension



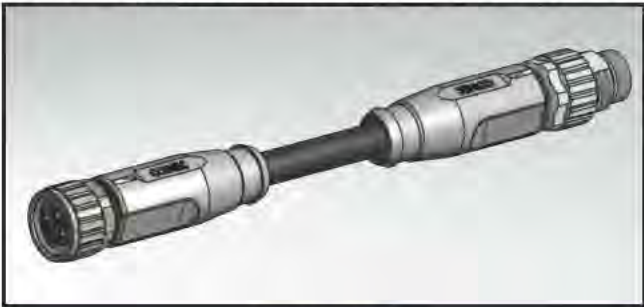
## ORDER DATA

| Cable                                                         | Length/L | Description       | 3-pos<br>Part-no. | Description       | 4-pos<br>Part-no. |
|---------------------------------------------------------------|----------|-------------------|-------------------|-------------------|-------------------|
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                    | 2m       | SAL-BS-RS3-2/ G3  | 42-10859          | SAL-BS-RS4-2/ G3  | 42-10867          |
|                                                               | 3m       | SAL-BS-RS3-3/ G3  | 42-10860          | SAL-BS-RS4-3/ G3  | 42-10868          |
|                                                               | 5m       | SAL-BS-RS3-5/ G3  | 42-10861          | SAL-BS-RS4-5/ G3  | 42-10869          |
|                                                               | 10m      | SAL-BS-RS3-10/ G3 | 42-10862          | SAL-BS-RS4-10/ G3 | 42-10870          |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 2m       | SAL-BS-RS3-2/ G2  | 42-10863          | SAL-BS-RS4-2/ G2  | 42-10871          |
|                                                               | 3m       | SAL-BS-RS3-3/ G2  | 42-10864          | SAL-BS-RS4-3/ G2  | 42-10872          |
|                                                               | 5m       | SAL-BS-RS3-5/ G2  | 42-10865          | SAL-BS-RS4-5/ G2  | 42-10873          |
|                                                               | 10m      | SAL-BS-RS3-10/ G2 | 42-10866          | SAL-BS-RS4-10/ G2 | 42-10874          |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Connecting cable Female connector M8x1, axial, screwable –  
Male connector M8x1, axial, screwable



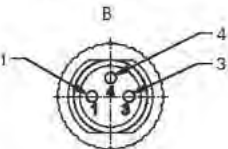
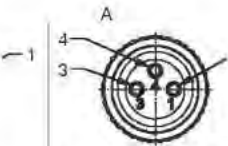
RoHS compliant

TECHNICAL DATA

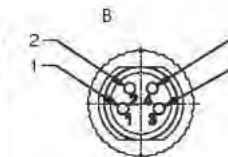
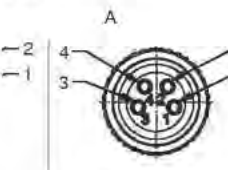
|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

PRODUCT DRAWING

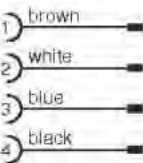
Pin Configuration  
3-pos



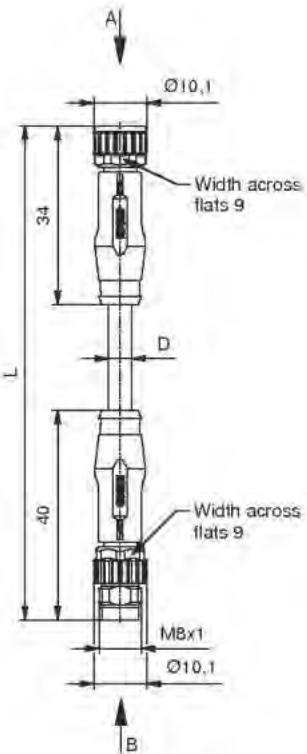
4-pos



Contact Assignment



Dimension



ORDER DATA

| Cable                                           | Length/L | Description            | 3-pos<br>Part-no. | Description            | 4-pos<br>Part-no. |
|-------------------------------------------------|----------|------------------------|-------------------|------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                       | 0,3m     | SAL-8-RK3-RS3-0,3 / A1 | 42-10141          | SAL-8-RK4-RS4-0,3 / A1 | 42-10157          |
|                                                 | 0,6m     | SAL-8-RK3-RS3-0,6 / A1 | 42-10142          | SAL-8-RK4-RS4-0,6 / A1 | 42-10158          |
|                                                 | 1,5m     | SAL-8-RK3-RS3-1,5 / A1 | 42-10143          | SAL-8-RK4-RS4-1,5 / A1 | 42-10159          |
|                                                 | 3m       | SAL-8-RK3-RS3-3 / A1   | 42-10144          | SAL-8-RK4-RS4-3 / A1   | 42-10160          |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m     | SAL-8-RK3-RS3-0,3 / K1 | 42-10145          | SAL-8-RK4-RS4-0,3 / K1 | 42-10161          |
|                                                 | 0,6m     | SAL-8-RK3-RS3-0,6 / K1 | 42-10146          | SAL-8-RK4-RS4-0,6 / K1 | 42-10162          |
|                                                 | 1,5m     | SAL-8-RK3-RS3-1,5 / K1 | 42-10147          | SAL-8-RK4-RS4-1,5 / K1 | 42-10163          |
|                                                 | 3m       | SAL-8-RK3-RS3-3 / K1   | 42-10148          | SAL-8-RK4-RS4-3 / K1   | 42-10164          |

For custom length or quality levels contact factory



# SAL M8x1 CONNECTORS

Connecting cable Female connector M8x1, angled, screwable –  
Male connector M8x1, axial, screwable



RoHS compliant

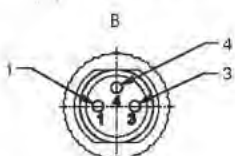
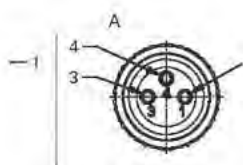
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

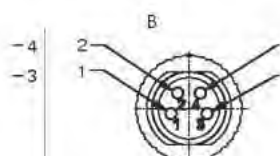
## PRODUCT DRAWING

### Pin Configuration

3-pos



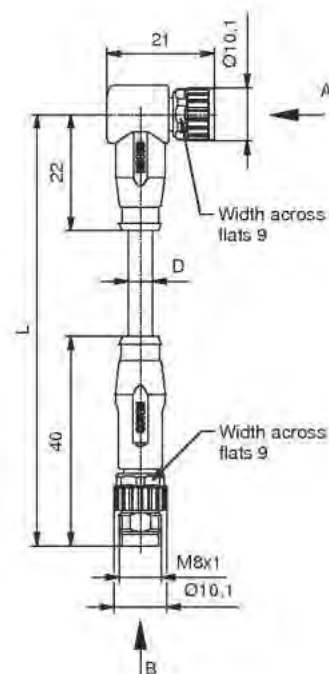
4-pos



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                            | Length/L | Description           | 3-pos<br>Part-no. | Description           | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m     | SAL-8-RKW3-RS3-0,3/A1 | 42-10149          | SAL-8-RKW4-RS4-0,3/A1 | 42-10165          |
|                                                  | 0,6m     | SAL-8-RKW3-RS3-0,6/A1 | 42-10150          | SAL-8-RKW4-RS4-0,6/A1 | 42-10166          |
|                                                  | 1,5m     | SAL-8-RKW3-RS3-1,5/A1 | 42-10151          | SAL-8-RKW4-RS4-1,5/A1 | 42-10167          |
|                                                  | 3m       | SAL-8-RKW3-RS3-3/A1   | 42-10152          | SAL-8-RKW4-RS4-3/A1   | 42-10168          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m     | SAL-8-RKW3-RS3-0,3/K1 | 42-10153          | SAL-8-RKW4-RS4-0,3/K1 | 42-10169          |
|                                                  | 0,6m     | SAL-8-RKW3-RS3-0,6/K1 | 42-10154          | SAL-8-RKW4-RS4-0,6/K1 | 42-10170          |
|                                                  | 1,5m     | SAL-8-RKW3-RS3-1,5/K1 | 42-10155          | SAL-8-RKW4-RS4-1,5/K1 | 42-10171          |
|                                                  | 3m       | SAL-8-RKW3-RS3-3/K1   | 42-10156          | SAL-8-RKW4-RS4-3/K1   | 42-10172          |

For custom length or quality levels contact factory



# SAL M8x1 CONNECTORS

Connecting cable Female connector M8x1, axial, screwable –  
Male connector M8x1, axial, screwable



RoHS compliant

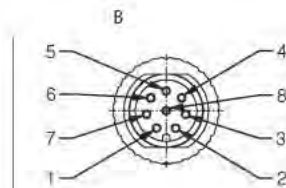
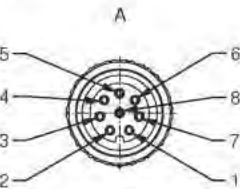
TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 1,5A at +40°C           |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

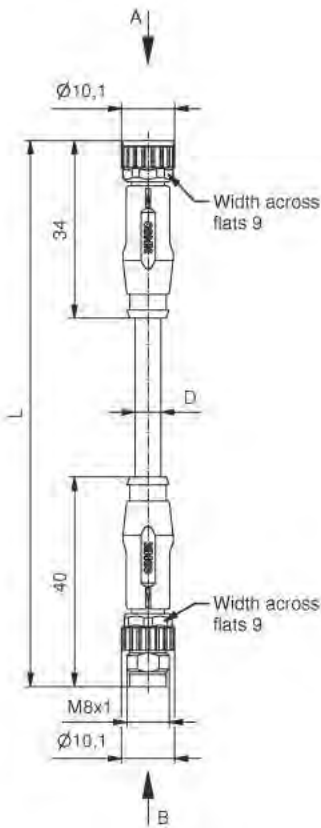
8-pos



Contact Assignment

|           |         |
|-----------|---------|
| 1) white  | 5) grey |
| 2) brown  | 6) pink |
| 3) green  | 7) blue |
| 4) yellow | 8) red  |

Dimension



ORDER DATA

| Cable                                            | Length / L | Description            | 8-pos Part-no. |
|--------------------------------------------------|------------|------------------------|----------------|
| PVC grey<br>LiYY 0,14 mm²                        | 0,3m       | SAL-8-RK8-RS8-0,3 / A1 | 42-11234       |
|                                                  | 0,6m       | SAL-8-RK8-RS8-0,6 / A1 | 42-11235       |
|                                                  | 1,5m       | SAL-8-RK8-RS8-1,5 / A1 | 42-11236       |
|                                                  | 3m         | SAL-8-RK8-RS8-3 / A1   | 42-11237       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,14 mm² | 0,3m       | SAL-8-RK8-RS8-0,3 / K1 | 42-11183       |
|                                                  | 0,6m       | SAL-8-RK8-RS8-0,6 / K1 | 42-11184       |
|                                                  | 1,5m       | SAL-8-RK8-RS8-1,5 / K1 | 42-11185       |
|                                                  | 3m         | SAL-8-RK8-RS8-3 / K1   | 42-11186       |

For custom length or quality levels contact factory

## SAL M8x1/Ø8mm CONNECTORS

Connecting cable Female connector Ø8mm, axial, snap-in –  
Male connector M8x1/Ø8mm, axial, screwable/snap-in



RoHS compliant

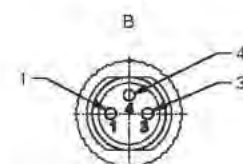
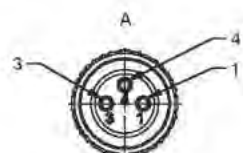
### TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

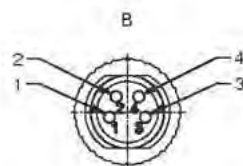
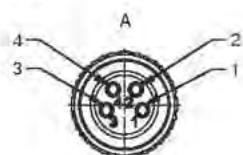
### PRODUCT DRAWING

#### Pin Configuration

3-pos



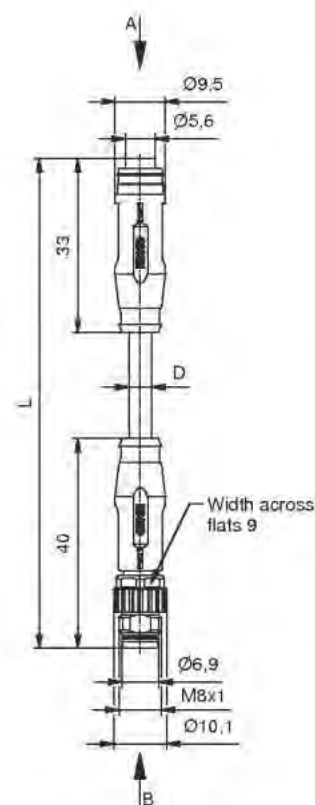
4-pos



#### Contact Assignment



#### Dimension



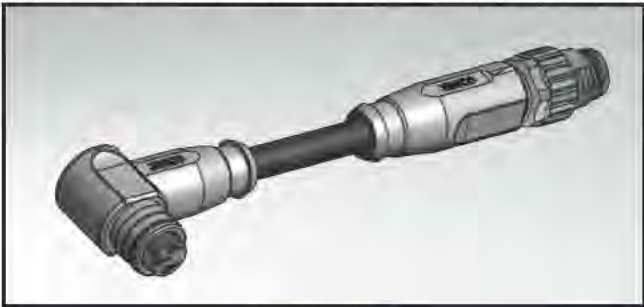
### ORDER DATA

| Cable                                            | Length/L | Description            | 3-pos<br>Part-no. | Description            | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|------------------------|-------------------|------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m     | SAL-8-RKS3-RSU3-0,3/A1 | 42-10173          | SAL-8-RKS4-RSU4-0,3/A1 | 42-10189          |
|                                                  | 0,6m     | SAL-8-RKS3-RSU3-0,6/A1 | 42-10174          | SAL-8-RKS4-RSU4-0,6/A1 | 42-10190          |
|                                                  | 1,5m     | SAL-8-RKS3-RSU3-1,5/A1 | 42-10175          | SAL-8-RKS4-RSU4-1,5/A1 | 42-10191          |
|                                                  | 3m       | SAL-8-RKS3-RSU3-3/A1   | 42-10176          | SAL-8-RKS4-RSU4-3/A1   | 42-10192          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m     | SAL-8-RKS3-RSU3-0,3/K1 | 42-10177          | SAL-8-RKS4-RSU4-0,3/K1 | 42-10193          |
|                                                  | 0,6m     | SAL-8-RKS3-RSU3-0,6/K1 | 42-10178          | SAL-8-RKS4-RSU4-0,6/K1 | 42-10194          |
|                                                  | 1,5m     | SAL-8-RKS3-RSU3-1,5/K1 | 42-10179          | SAL-8-RKS4-RSU4-1,5/K1 | 42-10195          |
|                                                  | 3m       | SAL-8-RKS3-RSU3-3/K1   | 42-10180          | SAL-8-RKS4-RSU4-3/K1   | 42-10196          |

For custom length or quality levels contact factory

# SAL M8x1 / Ø8mm CONNECTORS

Connecting cable Female connector Ø8mm, angled, snap-in –  
Male connector M8x1 / Ø8mm, axial, screwable/snap-in



RoHS compliant

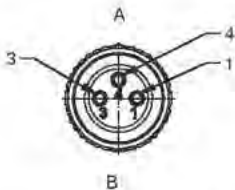
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

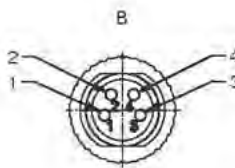
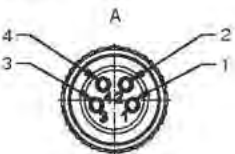
PRODUCT DRAWING

Pin Configuration

3-pos



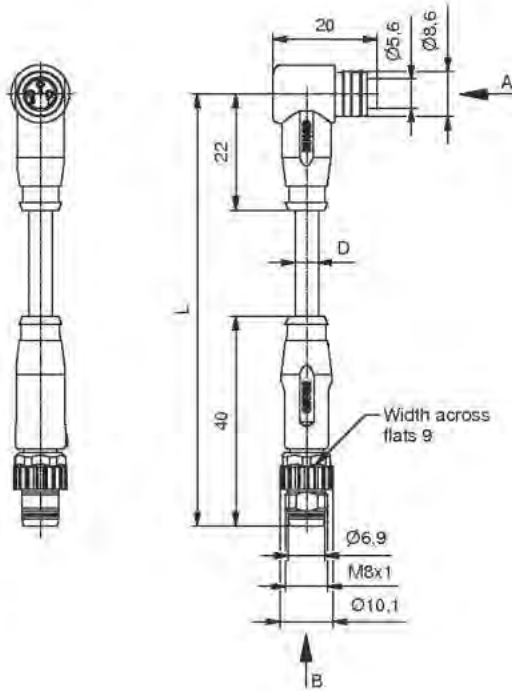
4-pos



Contact Assignment



Dimension



ORDER DATA

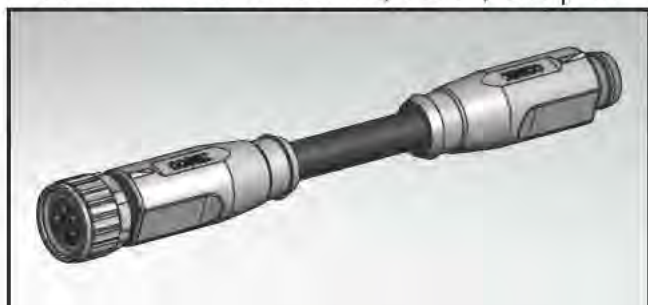
| Cable                                            | Length/L | Description               | 3-pos<br>Part-no. | Description               | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|---------------------------|-------------------|---------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m     | SAL-8-RKWS3-RSU3-0,3 / A1 | 42-10181          | SAL-8-RKWS4-RSU4-0,3 / A1 | 42-10197          |
|                                                  | 0,6m     | SAL-8-RKWS3-RSU3-0,6 / A1 | 42-10182          | SAL-8-RKWS4-RSU4-0,6 / A1 | 42-10198          |
|                                                  | 1,5m     | SAL-8-RKWS3-RSU3-1,5 / A1 | 42-10183          | SAL-8-RKWS4-RSU4-1,5 / A1 | 42-10199          |
|                                                  | 3m       | SAL-8-RKWS3-RSU3-3 / A1   | 42-10184          | SAL-8-RKWS4-RSU4-3 / A1   | 42-10200          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m     | SAL-8-RKWS3-RSU3-0,3 / K1 | 42-10185          | SAL-8-RKWS4-RSU4-0,3 / K1 | 42-10201          |
|                                                  | 0,6m     | SAL-8-RKWS3-RSU3-0,6 / K1 | 42-10186          | SAL-8-RKWS4-RSU4-0,6 / K1 | 42-10202          |
|                                                  | 1,5m     | SAL-8-RKWS3-RSU3-1,5 / K1 | 42-10187          | SAL-8-RKWS4-RSU4-1,5 / K1 | 42-10203          |
|                                                  | 3m       | SAL-8-RKWS3-RSU3-3 / K1   | 42-10188          | SAL-8-RKWS4-RSU4-3 / K1   | 42-10204          |

For custom length or quality levels contact factory



## SAL M8x1/Ø8mm CONNECTORS

Connecting cable Female connector M8x1, axial, screwable –  
Male connector Ø8mm, axial, snap-in



RoHS compliant

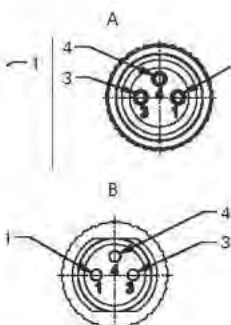
### TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

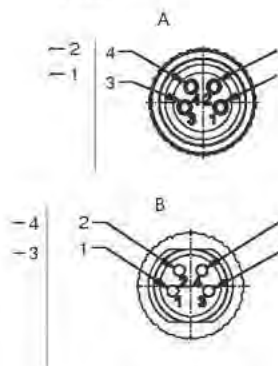
### PRODUCT DRAWING

#### Pin Configuration

3-pos



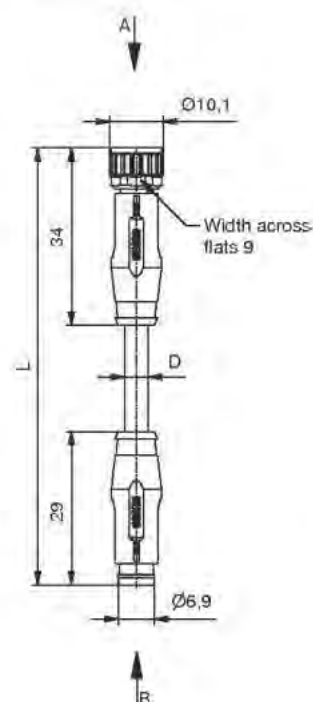
4-pos



#### Contact Assignment



#### Dimension



### ORDER DATA

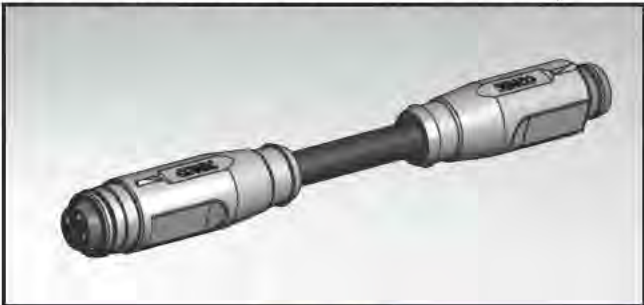
| Cable                                           | Length/L | Description           | 3-pos<br>Part-no. | Description           | 4-pos<br>Part-no. |
|-------------------------------------------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                       | 0,3m     | SAL-8-RK3-RSS3-0,3/A1 | 42-10827          | SAL-8-RK4-RSS4-0,3/A1 | 42-10835          |
|                                                 | 0,6m     | SAL-8-RK3-RSS3-0,6/A1 | 42-10828          | SAL-8-RK4-RSS4-0,6/A1 | 42-10836          |
|                                                 | 1,5m     | SAL-8-RK3-RSS3-1,5/A1 | 42-10829          | SAL-8-RK4-RSS4-1,5/A1 | 42-10837          |
|                                                 | 3m       | SAL-8-RK3-RSS3-3/A1   | 42-10830          | SAL-8-RK4-RSS4-3/A1   | 42-10838          |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m     | SAL-8-RK3-RSS3-0,3/K1 | 42-10831          | SAL-8-RK4-RSS4-0,3/K1 | 42-10839          |
|                                                 | 0,6m     | SAL-8-RK3-RSS3-0,6/K1 | 42-10832          | SAL-8-RK4-RSS4-0,6/K1 | 42-10840          |
|                                                 | 1,5m     | SAL-8-RK3-RSS3-1,5/K1 | 42-10833          | SAL-8-RK4-RSS4-1,5/K1 | 42-10841          |
|                                                 | 3m       | SAL-8-RK3-RSS3-3/K1   | 42-10834          | SAL-8-RK4-RSS4-3/K1   | 42-10842          |

For custom length or quality levels contact factory



# SAL Ø8MM CONNECTORS

Connecting cable Female connector Ø8mm, axial, snap-in –  
Male connector Ø8mm, axial, snap-in



RoHS compliant

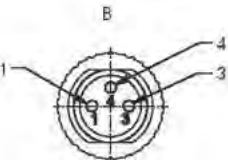
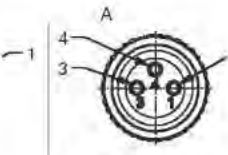
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

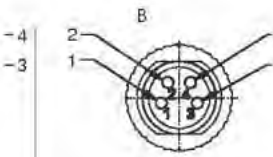
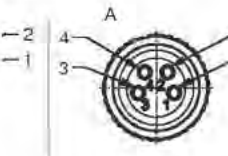
## PRODUCT DRAWING

### Pin Configuration

3-pos



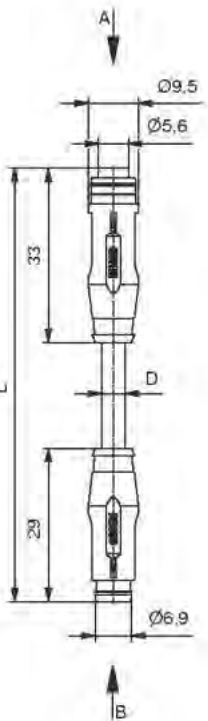
4-pos



### Contact Assignment



### Dimension



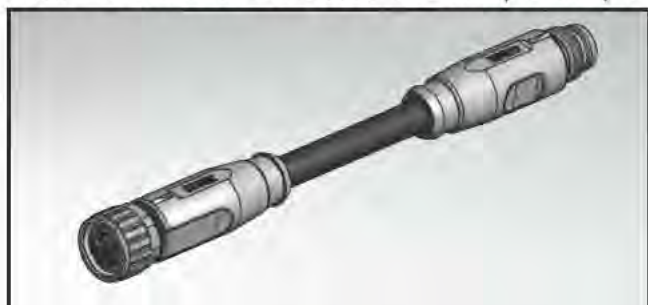
## ORDER DATA

| Cable                                            | Length/L | Description            | 3-pos<br>Part-no. | Description            | 4-pos<br>Part-no. |
|--------------------------------------------------|----------|------------------------|-------------------|------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m     | SAL-8-RKS3-RSS3-0,3/A1 | 42-10811          | SAL-8-RKS4-RSS4-0,3/A1 | 42-10819          |
|                                                  | 0,6m     | SAL-8-RKS3-RSS3-0,6/A1 | 42-10812          | SAL-8-RKS4-RSS4-0,6/A1 | 42-10820          |
|                                                  | 1,5m     | SAL-8-RKS3-RSS3-1,5/A1 | 42-10813          | SAL-8-RKS4-RSS4-1,5/A1 | 42-10821          |
|                                                  | 3m       | SAL-8-RKS3-RSS3-3/A1   | 42-10814          | SAL-8-RKS4-RSS4-3/A1   | 42-10822          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m     | SAL-8-RKS3-RSS3-0,3/K1 | 42-10815          | SAL-8-RKS4-RSS4-0,3/K1 | 42-10823          |
|                                                  | 0,6m     | SAL-8-RKS3-RSS3-0,6/K1 | 42-10816          | SAL-8-RKS4-RSS4-0,6/K1 | 42-10824          |
|                                                  | 1,5m     | SAL-8-RKS3-RSS3-1,5/K1 | 42-10817          | SAL-8-RKS4-RSS4-1,5/K1 | 42-10825          |
|                                                  | 3m       | SAL-8-RKS3-RSS3-3/K1   | 42-10818          | SAL-8-RKS4-RSS4-3/K1   | 42-10826          |

For custom length or quality levels contact factory

## SAL M8x1 CONNECTORS

Connecting cable Female connector M8x1, axial, screwable –  
Male connector M8x1/Ø8mm, axial, screwable/snap-in, thread fixed



RoHS compliant

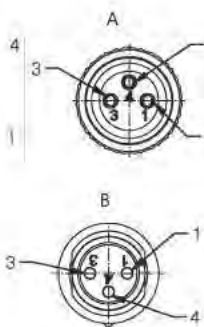
### TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos<br>60V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

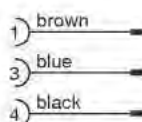
### PRODUCT DRAWING

#### Pin Configuration

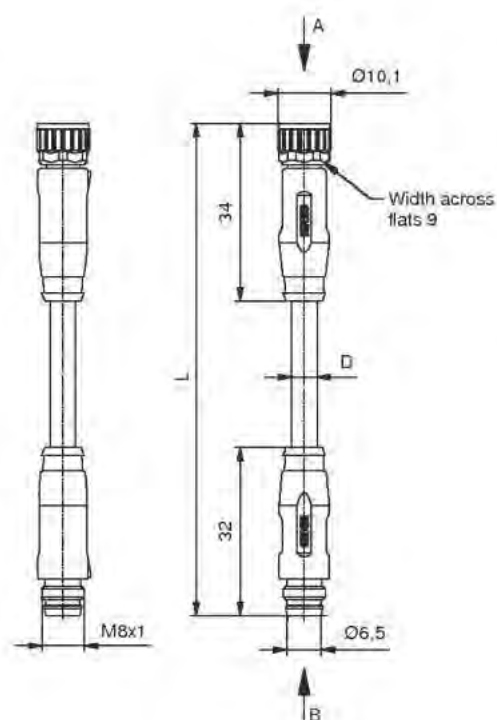
3-pos



#### Contact Assignment



#### Dimension



### ORDER DATA

| Cable                                           | Length / L | Description              | 3-pos Part-no. |
|-------------------------------------------------|------------|--------------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 0,3m       | SAL-8-RK3-RSFU3-0,3 / A1 | 42-11203       |
|                                                 | 0,6m       | SAL-8-RK3-RSFU3-0,6 / A1 | 42-11204       |
|                                                 | 1,5m       | SAL-8-RK3-RSFU3-1,5 / A1 | 42-11205       |
|                                                 | 3m         | SAL-8-RK3-RSFU3-3 / A1   | 42-11206       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-8-RK3-RSFU3-0,3 / K1 | 42-11207       |
|                                                 | 0,6m       | SAL-8-RK3-RSFU3-0,6 / K1 | 42-11208       |
|                                                 | 1,5m       | SAL-8-RK3-RSFU3-1,5 / K1 | 42-11209       |
|                                                 | 3m         | SAL-8-RK3-RSFU3-3 / K1   | 42-11210       |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Connecting cable Female connector M8x1, axial, screwable –  
Male connector M8x1, axial, screwable, B-coding



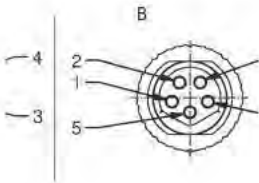
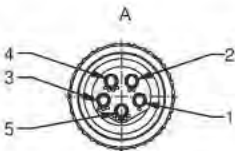
RoHS compliant

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 5-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

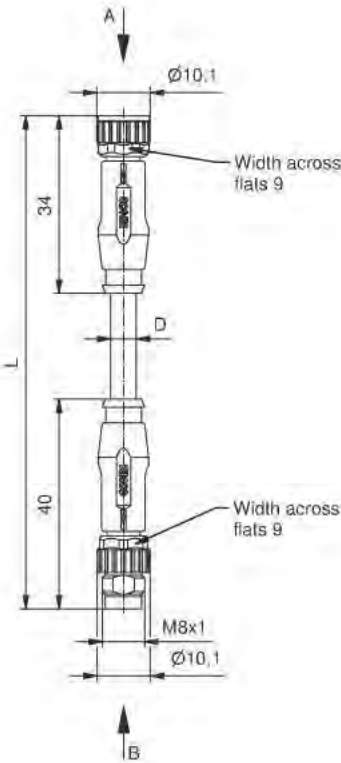
5-pos



Contact Assignment

- 1) brown
- 2) white
- 3) blue
- 4) black
- 5) grey

Dimension



ORDER DATA

| Cable                                            | Length / L | Description                 | 5-pos Part-no. |
|--------------------------------------------------|------------|-----------------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m       | SAL-8B-RK5.1-RS5.1-0,3 / A1 | 42-11141       |
|                                                  | 0,6m       | SAL-8B-RK5.1-RS5.1-0,6 / A1 | 42-11142       |
|                                                  | 1,5m       | SAL-8B-RK5.1-RS5.1-1,5 / A1 | 42-11143       |
|                                                  | 3m         | SAL-8B-RK5.1-RS5.1-3 / A1   | 42-11144       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-8B-RK5.1-RS5.1-0,3 / K1 | 42-11128       |
|                                                  | 0,6m       | SAL-8B-RK5.1-RS5.1-0,6 / K1 | 42-11129       |
|                                                  | 1,5m       | SAL-8B-RK5.1-RS5.1-1,5 / K1 | 42-11130       |
|                                                  | 3m         | SAL-8B-RK5.1-RS5.1-3 / K1   | 42-11131       |

For custom length or quality levels contact factory



## SAL Ø8MM CONNECTORS

Connecting cable Female connector Ø8mm, axial, snap-in –  
Male connector Ø8mm, axial, snap-in, B-coding



RoHS compliant

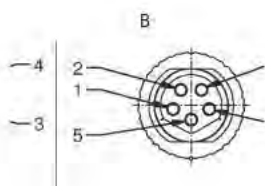
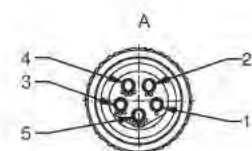
### TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 5-pos<br>30V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

### PRODUCT DRAWING

#### Pin Configuration

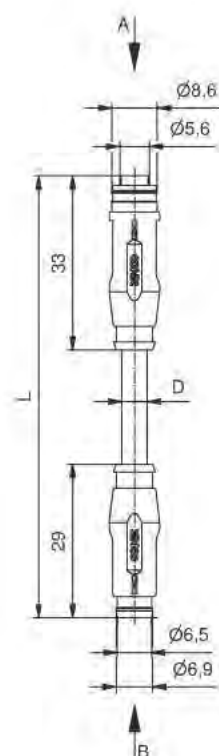
5-pos



#### Contact Assignment

|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |
| 5 | grey  |

#### Dimension



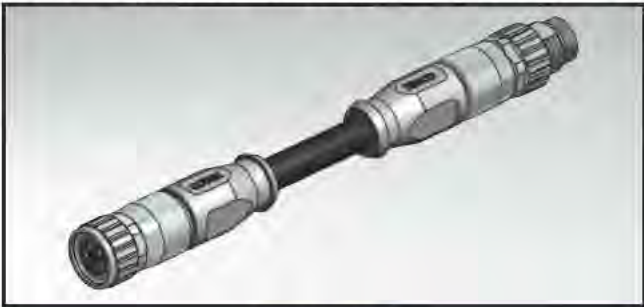
### ORDER DATA

| Cable                                            | Length / L | Description                   | 5-pos<br>Part-no. |
|--------------------------------------------------|------------|-------------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m       | SAL-8B-RKS5.1-RSS5.1-0,3 / A1 | 42-11136          |
|                                                  | 0,6m       | SAL-8B-RKS5.1-RSS5.1-0,6 / A1 | 42-11137          |
|                                                  | 1,5m       | SAL-8B-RKS5.1-RSS5.1-1,5 / A1 | 42-11138          |
|                                                  | 3m         | SAL-8B-RKS5.1-RSS5.1-3 / A1   | 42-11139          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-8B-RKS5.1-RSS5.1-0,3 / K1 | 42-11132          |
|                                                  | 0,6m       | SAL-8B-RKS5.1-RSS5.1-0,6 / K1 | 42-11133          |
|                                                  | 1,5m       | SAL-8B-RKS5.1-RSS5.1-1,5 / K1 | 42-11134          |
|                                                  | 3m         | SAL-8B-RKS5.1-RSS5.1-3 / K1   | 42-11135          |

For custom length or quality levels contact factory

# SAL M8x1 CONNECTORS

Connecting cable Female connector M8x1, axial, screwable –  
Male connector M8x1, axial, screwable, with 360°-shielding



RoHS compliant

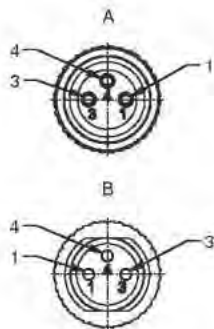
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 60V                     | 30V   |
| Current rating        | 3A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

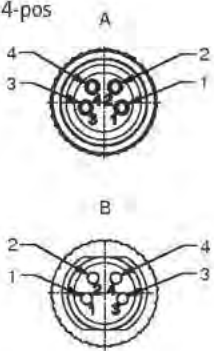
PRODUCT DRAWING

Pin Configuration

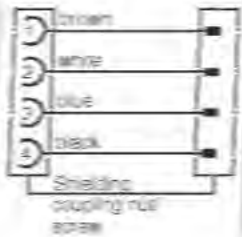
3-pos



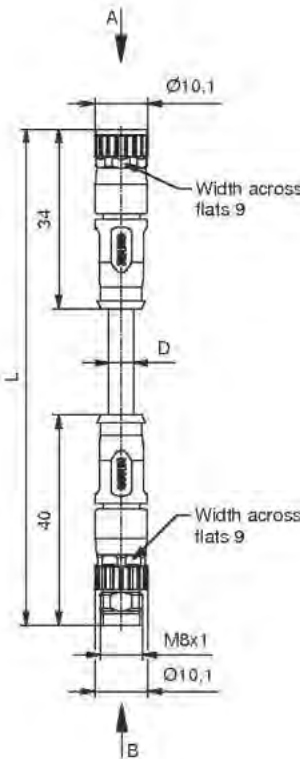
4-pos



Contact Assignment



Dimension



ORDER DATA

| Cable                                             | Length/L | Description             | 3-pos<br>Part-no. | Description             | 4-pos<br>Part-no. |
|---------------------------------------------------|----------|-------------------------|-------------------|-------------------------|-------------------|
| PVC UL grey<br>LiYFCY 0,25 mm²                    | 0,3m     | SAL-8S-RK3-RS3-0,3 / G3 | 42-10875          | SAL-8S-RK4-RS4-0,3 / G3 | 42-10883          |
|                                                   | 0,6m     | SAL-8S-RK3-RS3-0,6 / G3 | 42-10876          | SAL-8S-RK4-RS4-0,6 / G3 | 42-10884          |
|                                                   | 1,5m     | SAL-8S-RK3-RS3-1,5 / G3 | 42-10877          | SAL-8S-RK4-RS4-1,5 / G3 | 42-10885          |
|                                                   | 3m       | SAL-8S-RK3-RS3-3 / G3   | 42-10878          | SAL-8S-RK4-RS4-3 / G3   | 42-10886          |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm² | 0,3m     | SAL-8S-RK3-RS3-0,3 / G2 | 42-10879          | SAL-8S-RK4-RS4-0,3 / G2 | 42-10887          |
|                                                   | 0,6m     | SAL-8S-RK3-RS3-0,6 / G2 | 42-10880          | SAL-8S-RK4-RS4-0,6 / G2 | 42-10888          |
|                                                   | 1,5m     | SAL-8S-RK3-RS3-1,5 / G2 | 42-10881          | SAL-8S-RK4-RS4-1,5 / G2 | 42-10889          |
|                                                   | 3m       | SAL-8S-RK3-RS3-3 / G2   | 42-10882          | SAL-8S-RK4-RS4-3 / G2   | 42-10890          |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Female connector, axial



RoHS compliant – UL Listed, File no: CYJV2.E318363 (K1-cable)

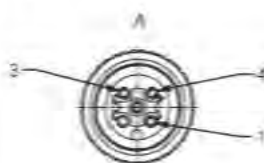
## TECHNICAL DATA

|                       |                         |       |       |
|-----------------------|-------------------------|-------|-------|
| Rated voltage         | 3-pos                   | 4-pos | 5-pos |
|                       | 250V                    | 250V  | 60V   |
| Current rating        | 4A at +40°C             |       |       |
| Pollution degree      | 3 / 2                   |       |       |
| Insulation resistance | >= 100 MΩ               |       |       |
| Degree of protection  | IP67 in mated condition |       |       |
| Temperature range     | -30°C to +80°C          |       |       |
| Mating cycles         | >= 100                  |       |       |

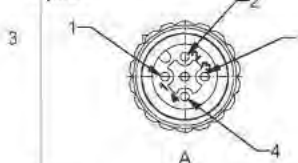
## PRODUCT DRAWING

### Pin Configuration

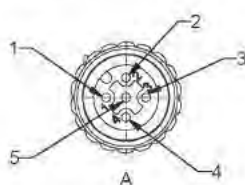
3-pos



4-pos



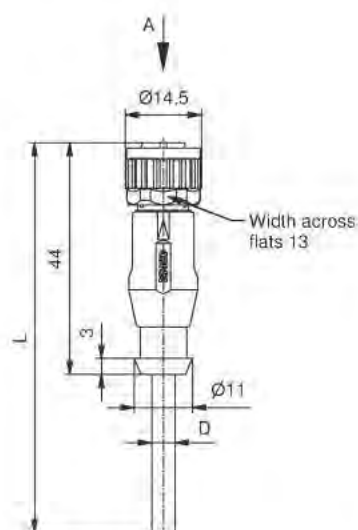
5-pos



### Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 green-yellow

### Dimension



## ORDER DATA

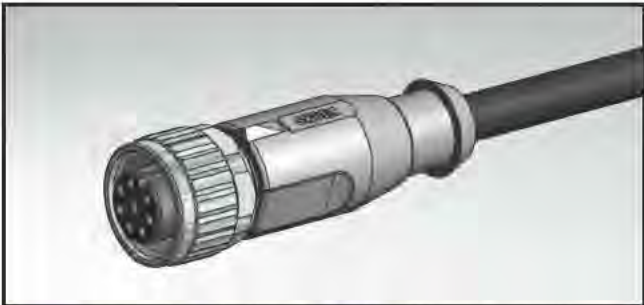
| Cable                                                        | Length / L | Description        | 3-pos Part-no. | Description        | 4-pos Part-no. | Description        | 5-pos Part-no. |
|--------------------------------------------------------------|------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                        | 2m         | SAL-12-RK3-2 / A1  | 43-10000       | SAL-12-RK4-2 / A1  | 43-10020       | SAL-12-RK5-2 / A1  | 43-10040       |
|                                                              | 3m         | SAL-12-RK3-3 / A1  | 43-10001       | SAL-12-RK4-3 / A1  | 43-10021       | SAL-12-RK5-3 / A1  | 43-10041       |
|                                                              | 5m         | SAL-12-RK3-5 / A1  | 43-10002       | SAL-12-RK4-5 / A1  | 43-10022       | SAL-12-RK5-5 / A1  | 43-10042       |
|                                                              | 10m        | SAL-12-RK3-10 / A1 | 43-10003       | SAL-12-RK4-10 / A1 | 43-10023       | SAL-12-RK5-10 / A1 | 43-10043       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 2m         | SAL-12-RK3-2 / K1  | 43-10012       | SAL-12-RK4-2 / K1  | 43-10032       | SAL-12-RK5-2 / K1  | 43-10052       |
|                                                              | 3m         | SAL-12-RK3-3 / K1  | 43-10013       | SAL-12-RK4-3 / K1  | 43-10033       | SAL-12-RK5-3 / K1  | 43-10053       |
|                                                              | 5m         | SAL-12-RK3-5 / K1  | 43-10014       | SAL-12-RK4-5 / K1  | 43-10034       | SAL-12-RK5-5 / K1  | 43-10054       |
|                                                              | 10m        | SAL-12-RK3-10 / K1 | 43-10015       | SAL-12-RK4-10 / K1 | 43-10035       | SAL-12-RK5-10 / K1 | 43-10055       |
| TPU UL<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 2m         | SAL-12-RK3-2 / J1  | 43-10016       | SAL-12-RK4-2 / J1  | 43-10036       | SAL-12-RK5-2 / J1  | 43-10056       |
|                                                              | 3m         | SAL-12-RK3-3 / J1  | 43-10017       | SAL-12-RK4-3 / J1  | 43-10037       | SAL-12-RK5-3 / J1  | 43-10057       |
|                                                              | 5m         | SAL-12-RK3-5 / J1  | 43-10018       | SAL-12-RK4-5 / J1  | 43-10038       | SAL-12-RK5-5 / J1  | 43-10058       |
|                                                              | 10m        | SAL-12-RK3-10 / J1 | 43-10019       | SAL-12-RK4-10 / J1 | 43-10039       | SAL-12-RK5-10 / J1 | 43-10059       |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Female connector, axial



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

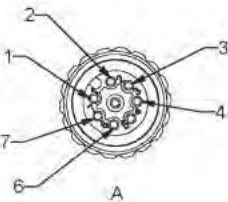
### TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 6-pos                   | 8-pos |
|                       | 30V                     | 30V   |
| Current rating        | 2A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

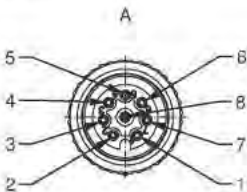
### PRODUCT DRAWING

#### Pin Configuration

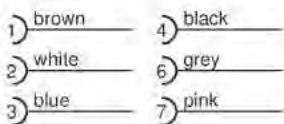
6-pos



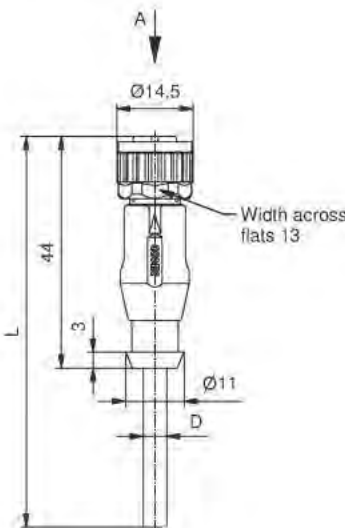
8-pos



#### Contact Assignment



#### Dimension



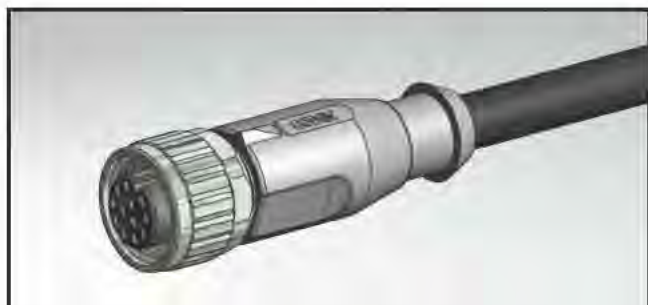
### ORDER DATA

| Cable                                           | Length/L | Description      | 6-pos Part-no. | Description      | 8-pos Part-no. |
|-------------------------------------------------|----------|------------------|----------------|------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 2m       | SAL-12-RK6-2/A1  | 43-10060       | SAL-12-RK8-2/A1  | 43-10072       |
|                                                 | 3m       | SAL-12-RK6-3/A1  | 43-10061       | SAL-12-RK8-3/A1  | 43-10073       |
|                                                 | 5m       | SAL-12-RK6-5/A1  | 43-10062       | SAL-12-RK8-5/A1  | 43-10074       |
|                                                 | 10m      | SAL-12-RK6-10/A1 | 43-10063       | SAL-12-RK8-10/A1 | 43-10075       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-12-RK6-2/K1  | 43-11038       | SAL-12-RK8-2/K1  | 43-11034       |
|                                                 | 3m       | SAL-12-RK6-3/K1  | 43-11039       | SAL-12-RK8-3/K1  | 43-11035       |
|                                                 | 5m       | SAL-12-RK6-5/K1  | 43-11040       | SAL-12-RK8-5/K1  | 43-11036       |
|                                                 | 10m      | SAL-12-RK6-10/K1 | 43-11041       | SAL-12-RK8-10/K1 | 43-11037       |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Female connector, axial



RoHS compliant

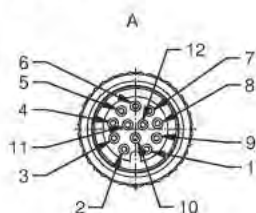
## TECHNICAL DATA

|                       |                            |
|-----------------------|----------------------------|
| Rated voltage         | 12-pos<br>30V              |
| Current rating        | 1,5A at +40°C              |
| Pollution degree      | 3 / 2                      |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Degree of protection  | IP67 in mated condition    |
| Temperature range     | -30°C to +80°C             |
| Mating cycles         | $\geq 100$                 |

## PRODUCT DRAWING

### Pin Configuration

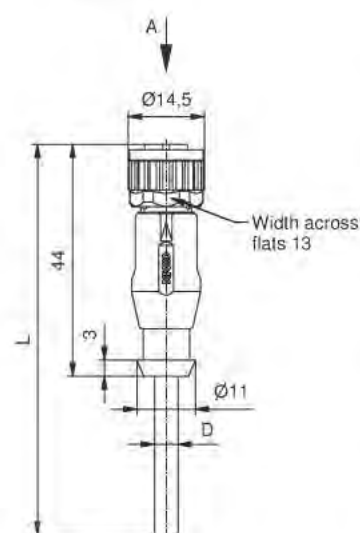
12-pos



### Contact Assignment

|           |               |
|-----------|---------------|
| 1) brown  | 7) black      |
| 2) blue   | 8) grey       |
| 3) white  | 9) red        |
| 4) green  | 10) violet    |
| 5) pink   | 11) grey-pink |
| 6) yellow | 12) red-blue  |

### Dimension



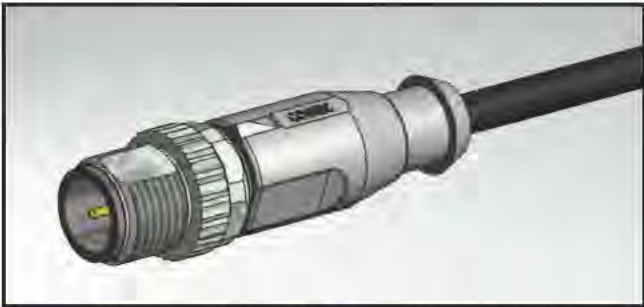
## ORDER DATA

| Cable                                            | Length / L | Description         | 12-pos Part-no. |
|--------------------------------------------------|------------|---------------------|-----------------|
| PVC grey<br>LiYY 0,14 mm²                        | 2m         | SAL-12-RK12-2 / A3  | 43-11264        |
|                                                  | 3m         | SAL-12-RK12-3 / A3  | 43-11265        |
|                                                  | 5m         | SAL-12-RK12-5 / A3  | 43-11266        |
|                                                  | 10m        | SAL-12-RK12-10 / A3 | 43-11267        |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,14 mm² | 2m         | SAL-12-RK12-2 / K1  | 43-11268        |
|                                                  | 3m         | SAL-12-RK12-3 / K1  | 43-11269        |
|                                                  | 5m         | SAL-12-RK12-5 / K1  | 43-11270        |
|                                                  | 10m        | SAL-12-RK12-10 / K1 | 43-11271        |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Male connector, axial



RoHS compliant – UL listed, File no.: CYJV2.E318363 (K1-cable)

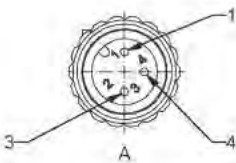
TECHNICAL DATA

|                       |                         |       |       |
|-----------------------|-------------------------|-------|-------|
| Rated voltage         | 3-pos                   | 4-pos | 5-pos |
|                       | 250V                    | 250V  | 60V   |
| Current rating        | 4A at +40°C             |       |       |
| Pollution degree      | 3 / 2                   |       |       |
| Insulation resistance | >= 100 MΩ               |       |       |
| Degree of protection  | IP67 in mated condition |       |       |
| Temperature range     | -30°C to +80°C          |       |       |
| Mating cycles         | >=100                   |       |       |

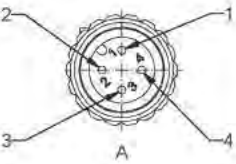
PRODUCT DRAWING

Pin Configuration

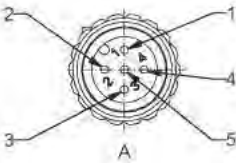
3-pos



4-pos



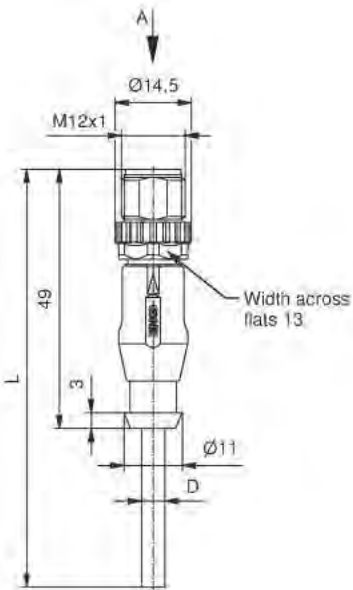
5-pos



Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 green-yellow

Dimension



ORDER DATA

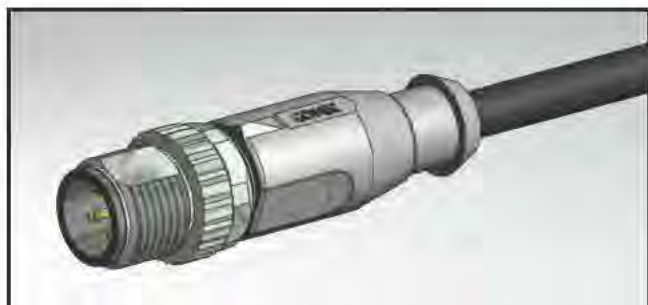
| Cable                                            | Length / L | Description        | 3-pos Part-no. | Description        | 4-pos Part-no. | Description        | 5-pos Part-no. |
|--------------------------------------------------|------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|
| PVC grey<br>LiYY 0,34 mm²                        | 2m         | SAL-12-RS3-2 / A1  | 43-10084       | SAL-12-RS4-2 / A1  | 43-10104       | SAL-12-RS5-2 / A1  | 43-10124       |
|                                                  | 3m         | SAL-12-RS3-3 / A1  | 43-10085       | SAL-12-RS4-3 / A1  | 43-10105       | SAL-12-RS5-3 / A1  | 43-10125       |
|                                                  | 5m         | SAL-12-RS3-5 / A1  | 43-10086       | SAL-12-RS4-5 / A1  | 43-10106       | SAL-12-RS5-5 / A1  | 43-10126       |
|                                                  | 10m        | SAL-12-RS3-10 / A1 | 43-10087       | SAL-12-RS4-10 / A1 | 43-10107       | SAL-12-RS5-10 / A1 | 43-10127       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,34 mm²  | 2m         | SAL-12-RS3-2 / K1  | 43-10096       | SAL-12-RS4-2 / K1  | 43-10116       | SAL-12-RS5-2 / K1  | 43-10136       |
|                                                  | 3m         | SAL-12-RS3-3 / K1  | 43-10097       | SAL-12-RS4-3 / K1  | 43-10117       | SAL-12-RS5-3 / K1  | 43-10137       |
|                                                  | 5m         | SAL-12-RS3-5 / K1  | 43-10098       | SAL-12-RS4-5 / K1  | 43-10118       | SAL-12-RS5-5 / K1  | 43-10138       |
|                                                  | 10m        | SAL-12-RS3-10 / K1 | 43-10099       | SAL-12-RS4-10 / K1 | 43-10119       | SAL-12-RS5-10 / K1 | 43-10139       |
| TPU UL<br>irradiated orange<br>Li12Y11X 0,34 mm² | 2m         | SAL-12-RS3-2 / J1  | 43-10100       | SAL-12-RS4-2 / J1  | 43-10120       | SAL-12-RS5-2 / J1  | 43-10140       |
|                                                  | 3m         | SAL-12-RS3-3 / J1  | 43-10101       | SAL-12-RS4-3 / J1  | 43-10121       | SAL-12-RS5-3 / J1  | 43-10141       |
|                                                  | 5m         | SAL-12-RS3-5 / J1  | 43-10102       | SAL-12-RS4-5 / J1  | 43-10122       | SAL-12-RS5-5 / J1  | 43-10142       |
|                                                  | 10m        | SAL-12-RS3-10 / J1 | 43-10103       | SAL-12-RS4-10 / J1 | 43-10123       | SAL-12-RS5-10 / J1 | 43-10143       |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Male connector, axial



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

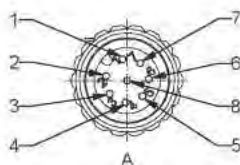
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 6-pos                   | 8-pos |
|                       | 30V                     | 30V   |
| Current rating        | 2A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

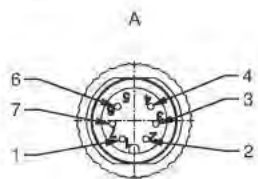
## PRODUCT DRAWING

### Pin Configuration

6-pos



8-pos

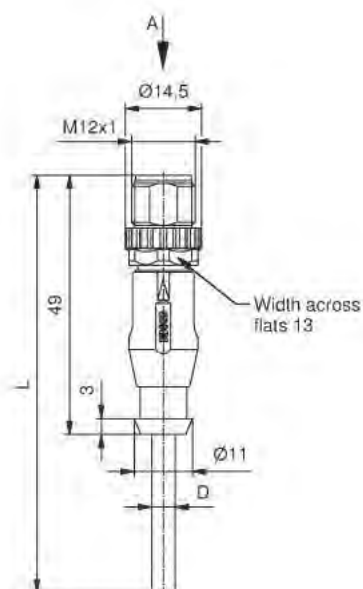


### Contact Assignment

|         |         |
|---------|---------|
| 1 brown | 4 black |
| 2 white | 6 grey  |
| 3 blue  | 7 pink  |

|          |        |
|----------|--------|
| 1 white  | 5 grey |
| 2 brown  | 6 pink |
| 3 green  | 7 blue |
| 4 yellow | 8 red  |

### Dimension



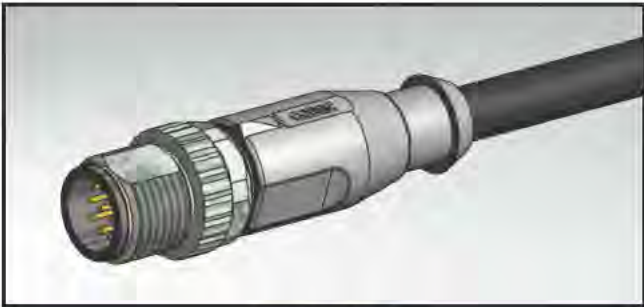
## ORDER DATA

| Cable                                            | Length/L | Description      | 6-pos<br>Part-no. | Description      | 8-pos<br>Part-no. |
|--------------------------------------------------|----------|------------------|-------------------|------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-12-RS6-2/A1  | 43-10144          | SAL-12-RS8-2/A1  | 43-10156          |
|                                                  | 3m       | SAL-12-RS6-3/A1  | 43-10145          | SAL-12-RS8-3/A1  | 43-10157          |
|                                                  | 5m       | SAL-12-RS6-5/A1  | 43-10146          | SAL-12-RS8-5/A1  | 43-10158          |
|                                                  | 10m      | SAL-12-RS6-10/A1 | 43-10147          | SAL-12-RS8-10/A1 | 43-10159          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-12-RS6-2/K1  | 43-11058          | SAL-12-RS8-2/K1  | 43-11062          |
|                                                  | 3m       | SAL-12-RS6-3/K1  | 43-11059          | SAL-12-RS8-3/K1  | 43-11063          |
|                                                  | 5m       | SAL-12-RS6-5/K1  | 43-11060          | SAL-12-RS8-5/K1  | 43-11064          |
|                                                  | 10m      | SAL-12-RS6-10/K1 | 43-11061          | SAL-12-RS8-10/K1 | 43-11065          |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Male connector, axial



RoHS compliant

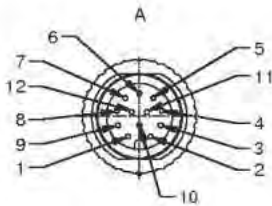
TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 12-pos<br>30V           |
| Current rating        | 1,5A at +40°C           |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

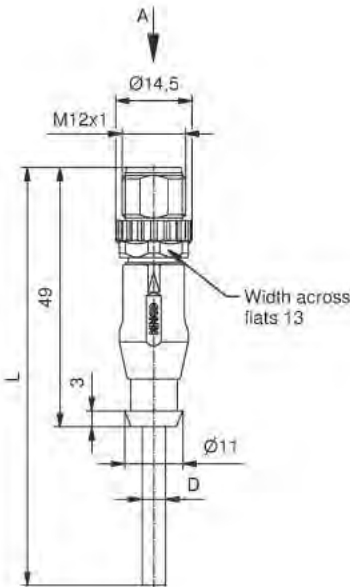
12-pos



Contact Assignment

|          |              |
|----------|--------------|
| 1 brown  | 7 black      |
| 2 blue   | 8 grey       |
| 3 white  | 9 red        |
| 4 green  | 10 violet    |
| 5 pink   | 11 grey-pink |
| 6 yellow | 12 red-blue  |

Dimension



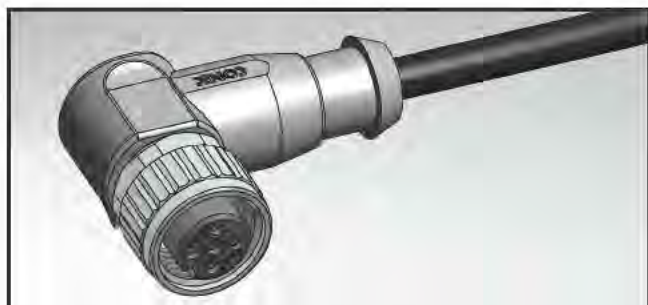
ORDER DATA

| Cable                                           | Length / L | Description         | 12-pos Part-no. |
|-------------------------------------------------|------------|---------------------|-----------------|
| PVC grey<br>LiYY 0,14 mm²                       | 2m         | SAL-12-RS12-2 / A3  | 43-11272        |
|                                                 | 3m         | SAL-12-RS12-3 / A3  | 43-11273        |
|                                                 | 5m         | SAL-12-RS12-5 / A3  | 43-11274        |
|                                                 | 10m        | SAL-12-RS12-10 / A3 | 43-11275        |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,14 mm² | 2m         | SAL-12-RS12-2 / K1  | 43-11276        |
|                                                 | 3m         | SAL-12-RS12-3 / K1  | 43-11277        |
|                                                 | 5m         | SAL-12-RS12-5 / K1  | 43-11278        |
|                                                 | 10m        | SAL-12-RS12-10 / K1 | 43-11279        |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

## Female connector, angled



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-Leitung)

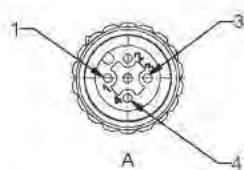
### TECHNICAL DATA

|                       |                         |       |       |
|-----------------------|-------------------------|-------|-------|
| Rated voltage         | 3-pos                   | 4-pos | 5-pos |
|                       | 250V                    | 250V  | 60V   |
| Current rating        | 4A at +40°C             |       |       |
| Pollution degree      | 3 / 2                   |       |       |
| Insulation resistance | >= 100 MΩ               |       |       |
| Degree of protection  | IP67 in mated condition |       |       |
| Temperature range     | -30°C to +80°C          |       |       |
| Mating cycles         | >= 100                  |       |       |

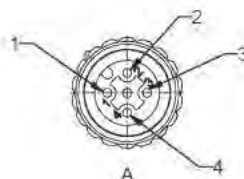
### PRODUCT DRAWING

#### Pin Configuration

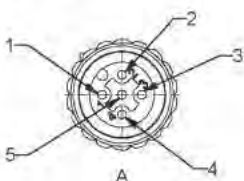
3-pos



4-pos



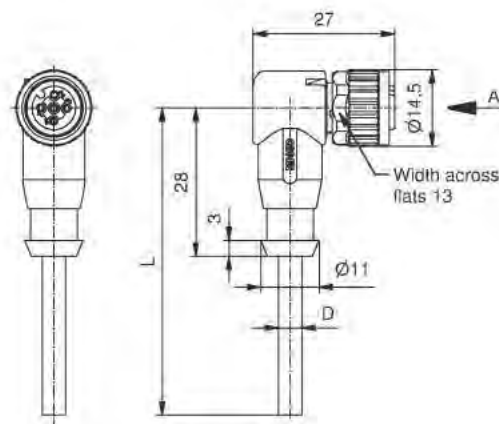
5-pos



#### Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 green-yellow

#### Dimension



### ORDER DATA

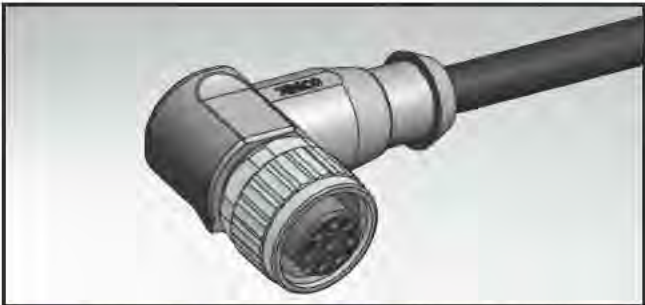
| Cable                                                        | Length / L | Description         | 3-pos Part-no. | Description         | 4-pos Part-no. | Description         | 5-pos Part-no. |
|--------------------------------------------------------------|------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                        | 2m         | SAL-12-RKW3-2 / A1  | 43-10168       | SAL-12-RKW4-2 / A1  | 43-10188       | SAL-12-RKW5-2 / A1  | 43-10208       |
|                                                              | 3m         | SAL-12-RKW3-3 / A1  | 43-10169       | SAL-12-RKW4-3 / A1  | 43-10189       | SAL-12-RKW5-3 / A1  | 43-10209       |
|                                                              | 5m         | SAL-12-RKW3-5 / A1  | 43-10170       | SAL-12-RKW4-5 / A1  | 43-10190       | SAL-12-RKW5-5 / A1  | 43-10210       |
|                                                              | 10m        | SAL-12-RKW3-10 / A1 | 43-10171       | SAL-12-RKW4-10 / A1 | 43-10191       | SAL-12-RKW5-10 / A1 | 43-10211       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 2m         | SAL-12-RKW3-2 / K1  | 43-10180       | SAL-12-RKW4-2 / K1  | 43-10200       | SAL-12-RKW5-2 / K1  | 43-10220       |
|                                                              | 3m         | SAL-12-RKW3-3 / K1  | 43-10181       | SAL-12-RKW4-3 / K1  | 43-10201       | SAL-12-RKW5-3 / K1  | 43-10221       |
|                                                              | 5m         | SAL-12-RKW3-5 / K1  | 43-10182       | SAL-12-RKW4-5 / K1  | 43-10202       | SAL-12-RKW5-5 / K1  | 43-10222       |
|                                                              | 10m        | SAL-12-RKW3-10 / K1 | 43-10183       | SAL-12-RKW4-10 / K1 | 43-10203       | SAL-12-RKW5-10 / K1 | 43-10223       |
| TPU UL<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 2m         | SAL-12-RKW3-2 / J1  | 43-10184       | SAL-12-RKW4-2 / J1  | 43-10204       | SAL-12-RKW5-2 / J1  | 43-10224       |
|                                                              | 3m         | SAL-12-RKW3-3 / J1  | 43-10185       | SAL-12-RKW4-3 / J1  | 43-10205       | SAL-12-RKW5-3 / J1  | 43-10225       |
|                                                              | 5m         | SAL-12-RKW3-5 / J1  | 43-10186       | SAL-12-RKW4-5 / J1  | 43-10206       | SAL-12-RKW5-5 / J1  | 43-10226       |
|                                                              | 10m        | SAL-12-RKW3-10 / J1 | 43-10187       | SAL-12-RKW4-10 / J1 | 43-10207       | SAL-12-RKW5-10 / J1 | 43-10227       |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Female connector, angled



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

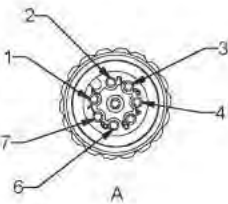
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 6-pos                   | 8-pos |
|                       | 30V                     | 30V   |
| Current rating        | 2A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

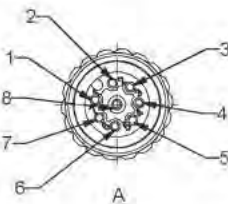
## PRODUCT DRAWING

### Pin Configuration

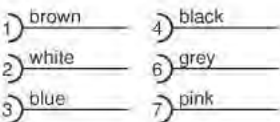
6-pos



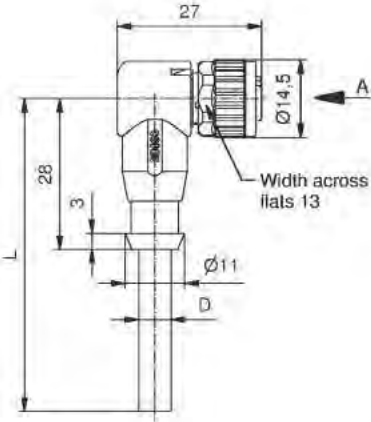
8-pos



### Contact Assignment



### Dimension



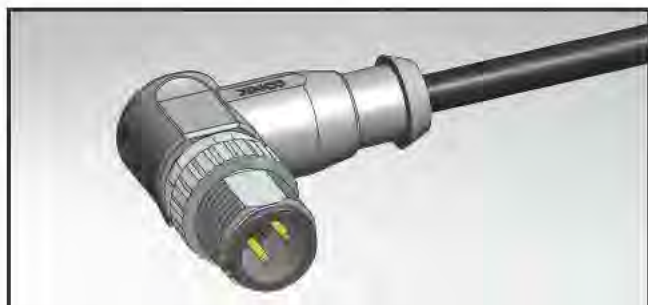
## ORDER DATA

| Cable                                           | Length/L | Description       | 6-pos Part-no. | Description       | 8-pos Part-no. |
|-------------------------------------------------|----------|-------------------|----------------|-------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 2m       | SAL-12-RKW6-2/A1  | 43-10228       | SAL-12-RKW8-2/A1  | 43-10240       |
|                                                 | 3m       | SAL-12-RKW6-3/A1  | 43-10229       | SAL-12-RKW8-3/A1  | 43-10241       |
|                                                 | 5m       | SAL-12-RKW6-5/A1  | 43-10230       | SAL-12-RKW8-5/A1  | 43-10242       |
|                                                 | 10m      | SAL-12-RKW6-10/A1 | 43-10231       | SAL-12-RKW8-10/A1 | 43-10243       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-12-RKW6-2/K1  | 43-11046       | SAL-12-RKW8-2/K1  | 43-11050       |
|                                                 | 3m       | SAL-12-RKW6-3/K1  | 43-11047       | SAL-12-RKW8-3/K1  | 43-11051       |
|                                                 | 5m       | SAL-12-RKW6-5/K1  | 43-11048       | SAL-12-RKW8-5/K1  | 43-11052       |
|                                                 | 10m      | SAL-12-RKW6-10/K1 | 43-11049       | SAL-12-RKW8-10/K1 | 43-11053       |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Male connector, angled



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

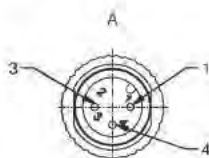
## TECHNICAL DATA

|                       |                         |       |       |
|-----------------------|-------------------------|-------|-------|
| Rated voltage         | 3-pos                   | 4-pos | 5-pos |
|                       | 250V                    | 250V  | 60V   |
| Current rating        | 4A at +40°C             |       |       |
| Pollution degree      | 3 / 2                   |       |       |
| Insulation resistance | >= 100 MΩ               |       |       |
| Degree of protection  | IP67 in mated condition |       |       |
| Temperature range     | -30°C to +80°C          |       |       |
| Mating cycles         | >= 100                  |       |       |

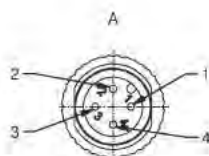
## PRODUCT DRAWING

### Pin Configuration

3-pos



4-pos



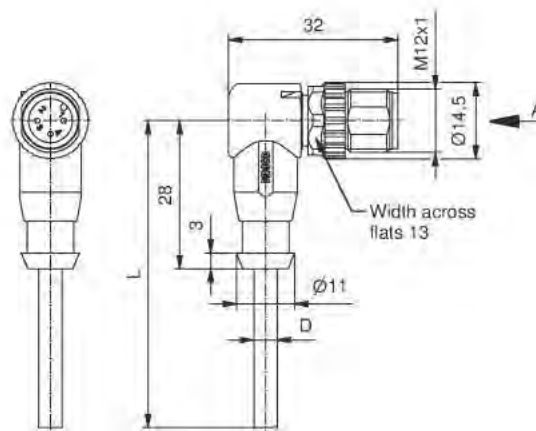
5-pos



### Contact Assignment

|   |              |
|---|--------------|
| 1 | brown        |
| 2 | white        |
| 3 | blue         |
| 4 | black        |
| 5 | green-yellow |

### Dimension



## ORDER DATA

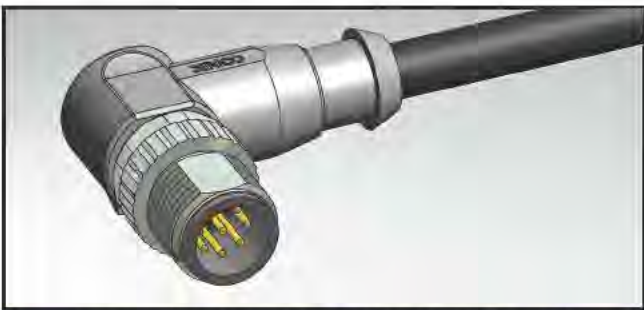
| Cable                                                        | Length/L | Description             | 3-pos<br>Part-no. | Description             | 4-pos<br>Part-no. | Description             | 5-pos<br>Part-no. |
|--------------------------------------------------------------|----------|-------------------------|-------------------|-------------------------|-------------------|-------------------------|-------------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                        | 2m       | SAL-12-RSW3-2/A1/A1090  | 43-14424          | SAL-12-RSW4-2/A1/A1090  | 43-14436          | SAL-12-RSW5-2/A1/A1090  | 43-14448          |
|                                                              | 3m       | SAL-12-RSW3-3/A1/A1090  | 43-14425          | SAL-12-RSW4-3/A1/A1090  | 43-14437          | SAL-12-RSW5-3/A1/A1090  | 43-14449          |
|                                                              | 5m       | SAL-12-RSW3-5/A1/A1090  | 43-14426          | SAL-12-RSW4-5/A1/A1090  | 43-14438          | SAL-12-RSW5-5/A1/A1090  | 43-14450          |
|                                                              | 10m      | SAL-12-RSW3-10/A1/A1090 | 43-14427          | SAL-12-RSW4-10/A1/A1090 | 43-14439          | SAL-12-RSW5-10/A1/A1090 | 43-14451          |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 2m       | SAL-12-RSW3-2/K1/A1090  | 43-14428          | SAL-12-RSW4-2/K1/A1090  | 43-14440          | SAL-12-RSW5-2/K1/A1090  | 43-14452          |
|                                                              | 3m       | SAL-12-RSW3-3/K1/A1090  | 43-14429          | SAL-12-RSW4-3/K1/A1090  | 43-14441          | SAL-12-RSW5-3/K1/A1090  | 43-14453          |
|                                                              | 5m       | SAL-12-RSW3-5/K1/A1090  | 43-14430          | SAL-12-RSW4-5/K1/A1090  | 43-14442          | SAL-12-RSW5-5/K1/A1090  | 43-14454          |
|                                                              | 10m      | SAL-12-RSW3-10/K1/A1090 | 43-14431          | SAL-12-RSW4-10/K1/A1090 | 43-14443          | SAL-12-RSW5-10/K1/A1090 | 43-14455          |
| TPU UL<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 2m       | SAL-12-RSW3-2/J1/A1090  | 43-14432          | SAL-12-RSW4-2/J1/A1090  | 43-14444          | SAL-12-RSW5-2/J1/A1090  | 43-14456          |
|                                                              | 3m       | SAL-12-RSW3-3/J1/A1090  | 43-14433          | SAL-12-RSW4-3/J1/A1090  | 43-14445          | SAL-12-RSW5-3/J1/A1090  | 43-14457          |
|                                                              | 5m       | SAL-12-RSW3-5/J1/A1090  | 43-14434          | SAL-12-RSW4-5/J1/A1090  | 43-14446          | SAL-12-RSW5-5/J1/A1090  | 43-14458          |
|                                                              | 10m      | SAL-12-RSW3-10/J1/A1090 | 43-14435          | SAL-12-RSW4-10/J1/A1090 | 43-14447          | SAL-12-RSW5-10/J1/A1090 | 43-14459          |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Male connector, angled



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

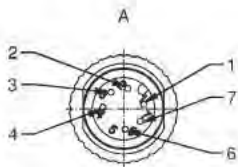
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 6-pos                   | 8-pos |
|                       | 30V                     | 30V   |
| Current rating        | 2A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

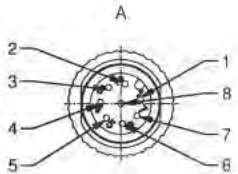
PRODUCT DRAWING

Pin Configuration

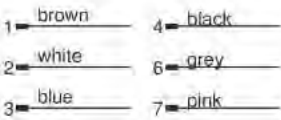
6-pos



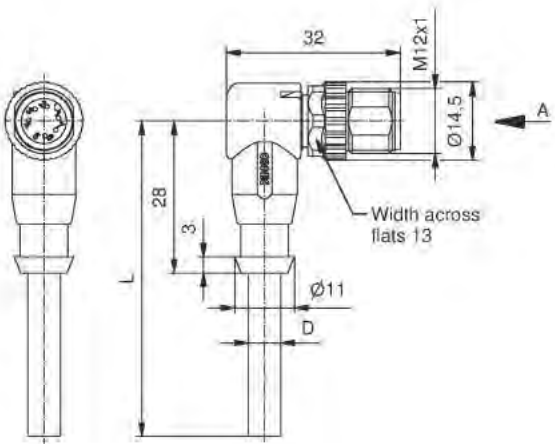
8-pos



Contact Assignment



Dimension



ORDER DATA

| Cable                                            | Length/L | Description             | 6-pos<br>Part-no. | Description             | 8-pos<br>Part-no. |
|--------------------------------------------------|----------|-------------------------|-------------------|-------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm²                        | 2m       | SAL-12-RSW6-2/A1/A1090  | 43-14460          | SAL-12-RSW8-2/A1/A1090  | 43-14468          |
|                                                  | 3m       | SAL-12-RSW6-3/A1/A1090  | 43-14461          | SAL-12-RSW8-3/A1/A1090  | 43-14469          |
|                                                  | 5m       | SAL-12-RSW6-5/A1/A1090  | 43-14462          | SAL-12-RSW8-5/A1/A1090  | 43-14470          |
|                                                  | 10m      | SAL-12-RSW6-10/A1/A1090 | 43-14463          | SAL-12-RSW8-10/A1/A1090 | 43-14471          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 2m       | SAL-12-RSW6-2/K1/A1090  | 43-14464          | SAL-12-RSW8-2/K1/A1090  | 43-14472          |
|                                                  | 3m       | SAL-12-RSW6-3/K1/A1090  | 43-14465          | SAL-12-RSW8-3/K1/A1090  | 43-14473          |
|                                                  | 5m       | SAL-12-RSW6-5/K1/A1090  | 43-14466          | SAL-12-RSW8-5/K1/A1090  | 43-14474          |
|                                                  | 10m      | SAL-12-RSW6-10/K1/A1090 | 43-14467          | SAL-12-RSW8-10/K1/A1090 | 43-14475          |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Female connector, angled with 2-Indicators LED-display



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

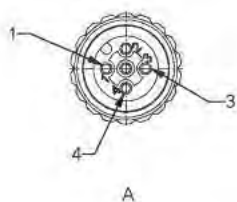
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos<br>30V            |
| Current rating        | 4A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

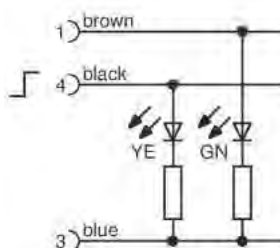
## PRODUCT DRAWING

### Pin Configuration

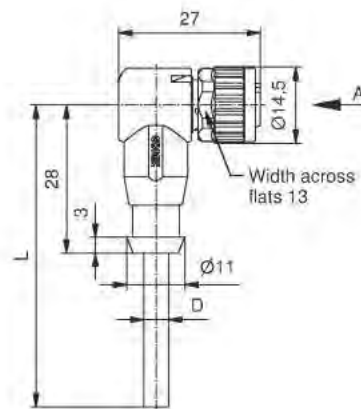
3-pos



### Contact Assignment



### Dimension



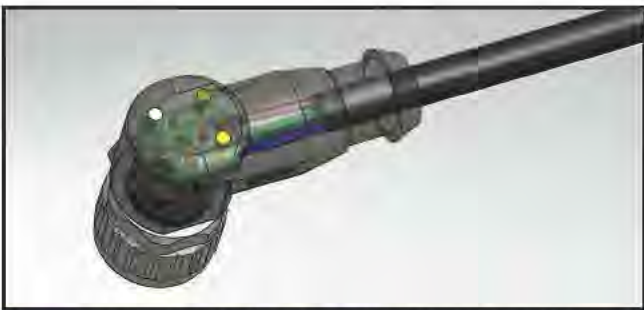
## ORDER DATA

| Cable                                                         | Length/L | Description            | 3-pos Part-no. |
|---------------------------------------------------------------|----------|------------------------|----------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                         | 2m       | SAL-12-RKW3-2L-2 / A1  | 43-10368       |
|                                                               | 3m       | SAL-12-RKW3-2L-3 / A1  | 43-10369       |
|                                                               | 5m       | SAL-12-RKW3-2L-5 / A1  | 43-10370       |
|                                                               | 10m      | SAL-12-RKW3-2L-10 / A1 | 43-10371       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 2m       | SAL-12-RKW3-2L-2 / K1  | 43-10868       |
|                                                               | 3m       | SAL-12-RKW3-2L-3 / K1  | 43-10869       |
|                                                               | 5m       | SAL-12-RKW3-2L-5 / K1  | 43-10870       |
|                                                               | 10m      | SAL-12-RKW3-2L-10 / K1 | 43-10871       |
| TPU UL,<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 2m       | SAL-12-RKW3-2L-2 / J1  | 43-10872       |
|                                                               | 3m       | SAL-12-RKW3-2L-3 / J1  | 43-10873       |
|                                                               | 5m       | SAL-12-RKW3-2L-5 / J1  | 43-10874       |
|                                                               | 10m      | SAL-12-RKW3-2L-10 / J1 | 43-10875       |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Female connector, angled with 3-Indicators LED-display



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

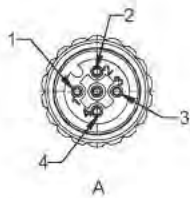
TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 4-pos                   | 5-pos |
|                       | 30V                     | 30V   |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

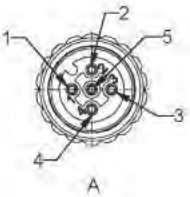
PRODUCT DRAWING

Pin Configuration

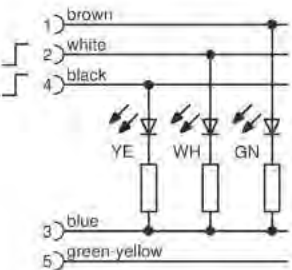
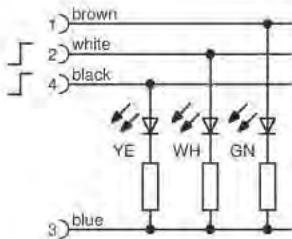
4-pos



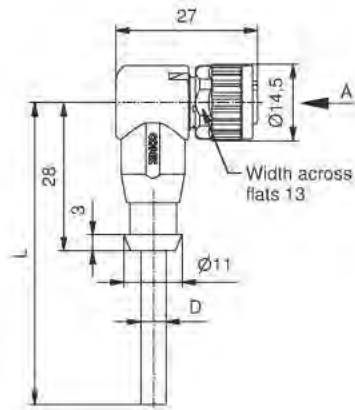
5-pos



Contact Assignment



Dimension



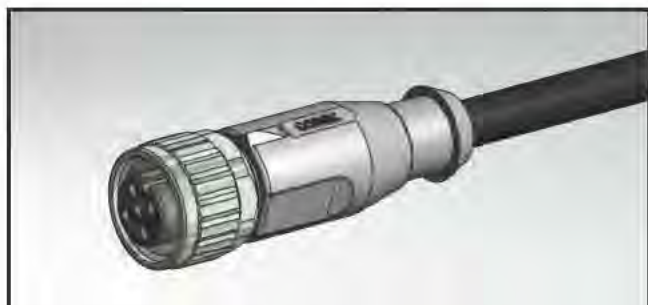
ORDER DATA

| Cable                                             | Length/L | Description            | 4-pos<br>Part-no. | Description            | 5-pos<br>Part-no. |
|---------------------------------------------------|----------|------------------------|-------------------|------------------------|-------------------|
| PVC grey<br>LiYY 0,34 mm²                         | 2m       | SAL-12-RKW4-3L-2 / A1  | 43-10424          | SAL-12-RKW5-3L-2 / A1  | 43-10444          |
|                                                   | 3m       | SAL-12-RKW4-3L-3 / A1  | 43-10425          | SAL-12-RKW5-3L-3 / A1  | 43-10445          |
|                                                   | 5m       | SAL-12-RKW4-3L-5 / A1  | 43-10426          | SAL-12-RKW5-3L-5 / A1  | 43-10446          |
|                                                   | 10m      | SAL-12-RKW4-3L-10 / A1 | 43-10427          | SAL-12-RKW5-3L-10 / A1 | 43-10447          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm²  | 2m       | SAL-12-RKW4-3L-2 / K1  | 43-10436          | SAL-12-RKW5-3L-2 / K1  | 43-10456          |
|                                                   | 3m       | SAL-12-RKW4-3L-3 / K1  | 43-10437          | SAL-12-RKW5-3L-3 / K1  | 43-10457          |
|                                                   | 5m       | SAL-12-RKW4-3L-5 / K1  | 43-10438          | SAL-12-RKW5-3L-5 / K1  | 43-10458          |
|                                                   | 10m      | SAL-12-RKW4-3L-10 / K1 | 43-10439          | SAL-12-RKW5-3L-10 / K1 | 43-10459          |
| TPU UL,<br>irradiated orange<br>Li12Y11X 0,34 mm² | 2m       | SAL-12-RKW4-3L-2 / J1  | 43-10440          | SAL-12-RKW5-3L-2 / J1  | 43-10460          |
|                                                   | 3m       | SAL-12-RKW4-3L-3 / J1  | 43-10441          | SAL-12-RKW5-3L-3 / J1  | 43-10461          |
|                                                   | 5m       | SAL-12-RKW4-3L-5 / J1  | 43-10442          | SAL-12-RKW5-3L-5 / J1  | 43-10462          |
|                                                   | 10m      | SAL-12-RKW4-3L-10 / J1 | 43-10443          | SAL-12-RKW5-3L-10 / J1 | 43-10463          |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Female connector, axial with 360°-shielding



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

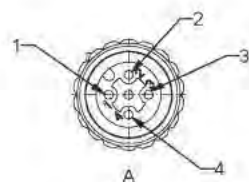
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 4-pos                   | 5-pos |
|                       | 160V                    | 60V   |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

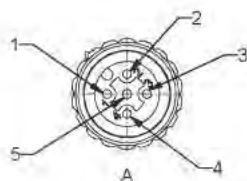
## PRODUCT DRAWING

### Pin Configuration

4-pos



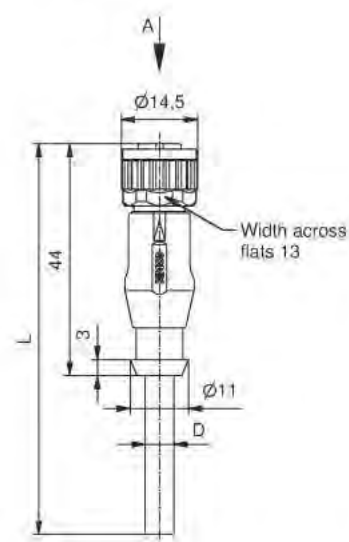
5-pos



### Contact Assignment

|                        |       |
|------------------------|-------|
| 1                      | brown |
| 2                      | white |
| 3                      | blue  |
| 4                      | black |
| 5                      | grey  |
| Shielding coupling nut |       |

### Dimension



## ORDER DATA

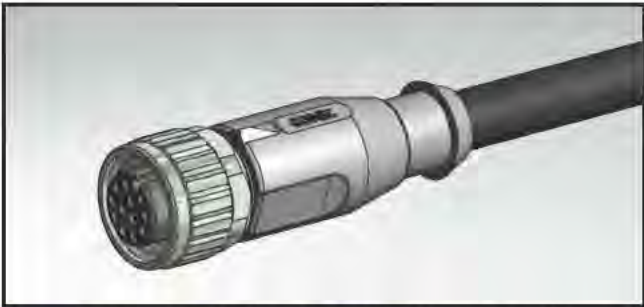
| Cable                                                          | Length/L | Description         | 4-pos Part-no. | Description           | 5-pos Part-no. |
|----------------------------------------------------------------|----------|---------------------|----------------|-----------------------|----------------|
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                     | 2m       |                     |                | SAL-12S-RK5.1-2 / G3  | 43-10344       |
|                                                                | 3m       |                     |                | SAL-12S-RK5.1-3 / G3  | 43-10345       |
|                                                                | 5m       |                     |                | SAL-12S-RK5.1-5 / G3  | 43-10346       |
|                                                                | 10m      |                     |                | SAL-12S-RK5.1-10 / G3 | 43-10347       |
| TPU UL,<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 2m       |                     |                | SAL-12S-RK5.1-2 / G2  | 43-10348       |
|                                                                | 3m       |                     |                | SAL-12S-RK5.1-3 / G2  | 43-10349       |
|                                                                | 5m       |                     |                | SAL-12S-RK5.1-5 / G2  | 43-10350       |
|                                                                | 10m      |                     |                | SAL-12S-RK5.1-10 / G2 | 43-10351       |
| PVC UL grey<br>LiYFCY 0,34 mm <sup>2</sup>                     | 2m       | SAL-12S-RK4-2 / G3  | 43-10336       |                       |                |
|                                                                | 3m       | SAL-12S-RK4-3 / G3  | 43-10337       |                       |                |
|                                                                | 5m       | SAL-12S-RK4-5 / G3  | 43-10338       |                       |                |
|                                                                | 10m      | SAL-12S-RK4-10 / G3 | 43-10339       |                       |                |
| TPU UL,<br>halogenfree black<br>Li9YFC11Y 0,34 mm <sup>2</sup> | 2m       | SAL-12S-RK4-2 / G2  | 43-10340       |                       |                |
|                                                                | 3m       | SAL-12S-RK4-3 / G2  | 43-10341       |                       |                |
|                                                                | 5m       | SAL-12S-RK4-5 / G2  | 43-10342       |                       |                |
|                                                                | 10m      | SAL-12S-RK4-10 / G2 | 43-10343       |                       |                |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Female connector, axial with 360°-shielding



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

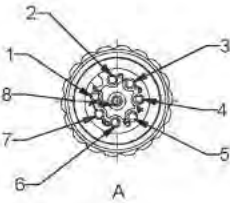
## TECHNICAL DATA

|                       |                         |                        |
|-----------------------|-------------------------|------------------------|
| Rated voltage         | 8-pos                   | 12-pos                 |
|                       | 30V                     | 30V                    |
| Current rating        | 2A at +40°C (8-pos)     | 1,5A at +40°C (12-pos) |
|                       |                         |                        |
| Pollution degree      | 3 / 2                   |                        |
| Insulation resistance | >= 100 MΩ               |                        |
| Degree of protection  | IP67 in mated condition |                        |
| Temperature range     | -30°C to +80°C          |                        |
| Mating cycles         | >=100                   |                        |

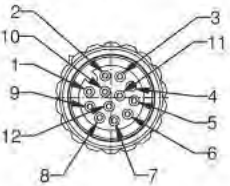
## PRODUCT DRAWING

### Pin Configuration

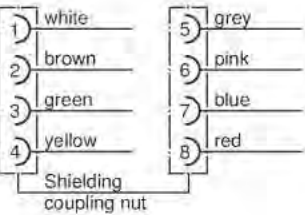
8-pos



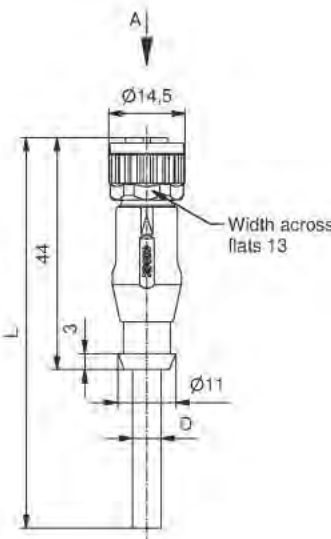
12-pos



### Contact Assignment



### Dimension

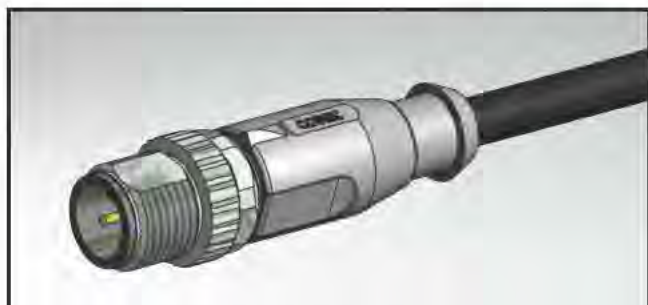


## ORDER DATA

| Cable                                                          | Length/L | Description         | 8-pos<br>Part-no. | Description          | 12-pos<br>Part-no. |
|----------------------------------------------------------------|----------|---------------------|-------------------|----------------------|--------------------|
| PVC UL grey<br>LiYFCY 0,14 mm <sup>2</sup>                     | 2m       |                     |                   | SAL-12S-RK12-2 / G3  | 43-11280           |
|                                                                | 3m       |                     |                   | SAL-12S-RK12-3 / G3  | 43-11281           |
|                                                                | 5m       |                     |                   | SAL-12S-RK12-5 / G3  | 43-11282           |
|                                                                | 10m      |                     |                   | SAL-12S-RK12-10 / G3 | 43-11283           |
| TPU UL,<br>halogenfree black<br>Li9YFC11Y 0,14 mm <sup>2</sup> | 2m       |                     |                   | SAL-12S-RK12-2 / G2  | 43-11284           |
|                                                                | 3m       |                     |                   | SAL-12S-RK12-3 / G2  | 43-11285           |
|                                                                | 5m       |                     |                   | SAL-12S-RK12-5 / G2  | 43-11286           |
|                                                                | 10m      |                     |                   | SAL-12S-RK12-10 / G2 | 43-11287           |
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                     | 2m       | SAL-12S-RK8-2 / G3  | 43-10972          |                      |                    |
|                                                                | 3m       | SAL-12S-RK8-3 / G3  | 43-10973          |                      |                    |
|                                                                | 5m       | SAL-12S-RK8-5 / G3  | 43-10974          |                      |                    |
|                                                                | 10m      | SAL-12S-RK8-10 / G3 | 43-10975          |                      |                    |
| TPU UL,<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 2m       | SAL-12S-RK8-2 / G2  | 43-10976          |                      |                    |
|                                                                | 3m       | SAL-12S-RK8-3 / G2  | 43-10977          |                      |                    |
|                                                                | 5m       | SAL-12S-RK8-5 / G2  | 43-10978          |                      |                    |
|                                                                | 10m      | SAL-12S-RK8-10 / G2 | 43-10979          |                      |                    |

# SAL M12x1 CONNECTORS

Male connector, axial with 360°-shielding



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

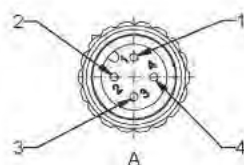
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 4-pos                   | 5-pos |
|                       | 160V                    | 60V   |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

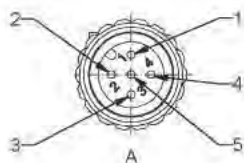
## PRODUCT DRAWING

### Pin Configuration

4-pos



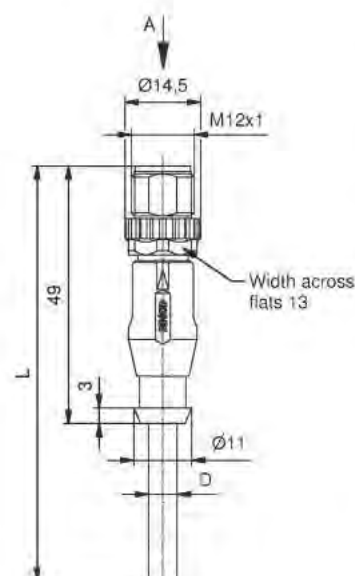
5-pos



### Contact Assignment

|   |                          |
|---|--------------------------|
| 1 | brown                    |
| 2 | white                    |
| 3 | blue                     |
| 4 | black                    |
| 5 | grey                     |
|   | Shielding coupling screw |

### Dimension



## ORDER DATA

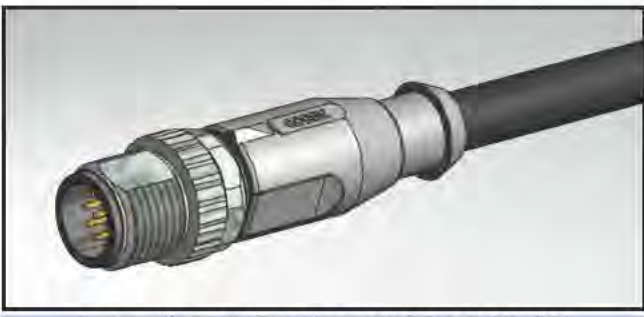
| Cable                                                         | Length/L | Description       | 4-pos Part-no. | Description         | 5-pos Part-no. |
|---------------------------------------------------------------|----------|-------------------|----------------|---------------------|----------------|
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                    | 2m       |                   |                | SAL-12S-RS5.1-2/G3  | 43-10360       |
|                                                               | 3m       |                   |                | SAL-12S-RS5.1-3/G3  | 43-10361       |
|                                                               | 5m       |                   |                | SAL-12S-RS5.1-5/G3  | 43-10362       |
|                                                               | 10m      |                   |                | SAL-12S-RS5.1-10/G3 | 43-10363       |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 2m       |                   |                | SAL-12S-RS5.1-2/G2  | 43-10364       |
|                                                               | 3m       |                   |                | SAL-12S-RS5.1-3/G2  | 43-10365       |
|                                                               | 5m       |                   |                | SAL-12S-RS5.1-5/G2  | 43-10366       |
|                                                               | 10m      |                   |                | SAL-12S-RS5.1-10/G2 | 43-10367       |
| PVC UL grey<br>LiYFCY 0,34 mm <sup>2</sup>                    | 2m       | SAL-12S-RS4-2/G3  | 43-10352       |                     |                |
|                                                               | 3m       | SAL-12S-RS4-3/G3  | 43-10353       |                     |                |
|                                                               | 5m       | SAL-12S-RS4-5/G3  | 43-10354       |                     |                |
|                                                               | 10m      | SAL-12S-RS4-10/G3 | 43-10355       |                     |                |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,34 mm <sup>2</sup> | 2m       | SAL-12S-RS4-2/G2  | 43-10356       |                     |                |
|                                                               | 3m       | SAL-12S-RS4-3/G2  | 43-10357       |                     |                |
|                                                               | 5m       | SAL-12S-RS4-5/G2  | 43-10358       |                     |                |
|                                                               | 10m      | SAL-12S-RS4-10/G2 | 43-10359       |                     |                |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Male connector, axial with 360°-shielding



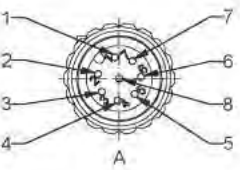
RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |                        |
|-----------------------|-------------------------|------------------------|
| Rated voltage         | 8-pos                   | 12-pos                 |
|                       | 30V                     | 30V                    |
| Current rating        | 2A at +40°C (8-pos)     | 1,5A at +40°C (12-pos) |
|                       |                         |                        |
| Pollution degree      | 3 / 2                   |                        |
| Insulation resistance | >= 100 MΩ               |                        |
| Degree of protection  | IP67 in mated condition |                        |
| Temperature range     | -30°C to +80°C          |                        |
| Mating cycles         | >=100                   |                        |

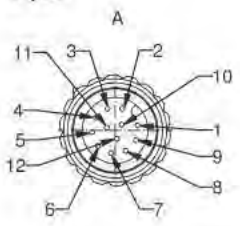
## PRODUCT DRAWING

### Pin Configuration

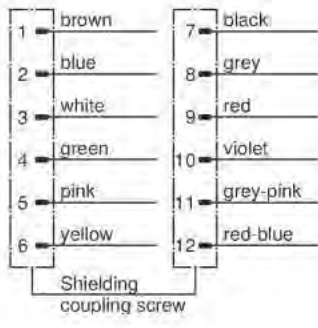
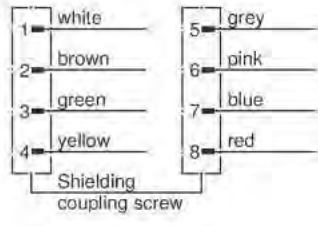
8-pos



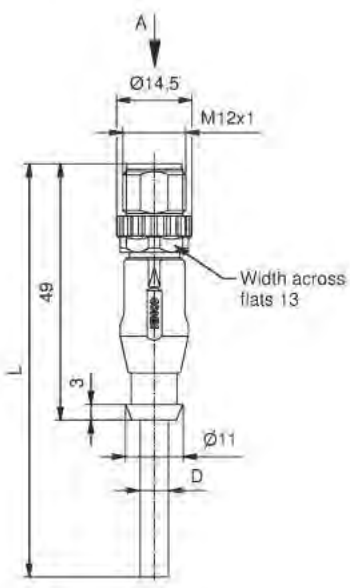
12-pos



### Contact Assignment



### Dimension



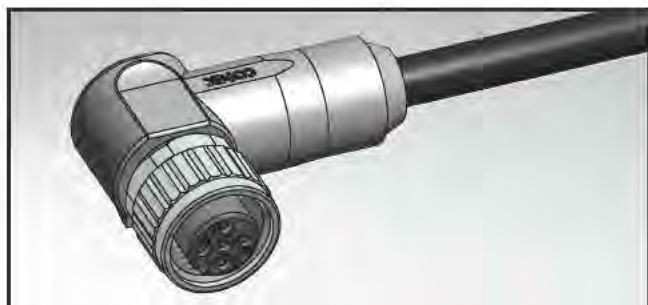
## ORDER DATA

| Cable                                                         | Length/L | Description       | 8-pos Part-no. | Description        | 12-pos Part-no. |
|---------------------------------------------------------------|----------|-------------------|----------------|--------------------|-----------------|
| PVC UL grey<br>LiYFCY 0,14 mm <sup>2</sup>                    | 2m       |                   |                | SAL-12S-RS12-2/G3  | 43-11288        |
|                                                               | 3m       |                   |                | SAL-12S-RS12-3/G3  | 43-11289        |
|                                                               | 5m       |                   |                | SAL-12S-RS12-5/G3  | 43-11290        |
|                                                               | 10m      |                   |                | SAL-12S-RS12-10/G3 | 43-11291        |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,14 mm <sup>2</sup> | 2m       |                   |                | SAL-12S-RS12-2/G2  | 43-11292        |
|                                                               | 3m       |                   |                | SAL-12S-RS12-3/G2  | 43-11293        |
|                                                               | 5m       |                   |                | SAL-12S-RS12-5/G2  | 43-11294        |
|                                                               | 10m      |                   |                | SAL-12S-RS12-10/G2 | 43-11295        |
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                    | 2m       | SAL-12S-RS8-2/G3  | 43-10980       |                    |                 |
|                                                               | 3m       | SAL-12S-RS8-3/G3  | 43-10981       |                    |                 |
|                                                               | 5m       | SAL-12S-RS8-5/G3  | 43-10982       |                    |                 |
|                                                               | 10m      | SAL-12S-RS8-10/G3 | 43-10983       |                    |                 |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 2m       | SAL-12S-RS8-2/G2  | 43-10984       |                    |                 |
|                                                               | 3m       | SAL-12S-RS8-3/G2  | 43-10985       |                    |                 |
|                                                               | 5m       | SAL-12S-RS8-5/G2  | 43-10986       |                    |                 |
|                                                               | 10m      | SAL-12S-RS8-10/G2 | 43-10987       |                    |                 |



# SAL M12x1 CONNECTORS

Female connector, angled with 360°-shielding



RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

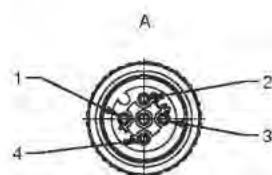
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 4-pos                   | 5-pos |
|                       | 160V                    | 60V   |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

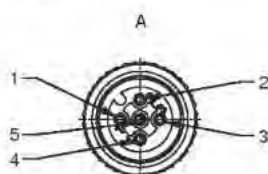
## PRODUCT DRAWING

### Pin Configuration

4-pos



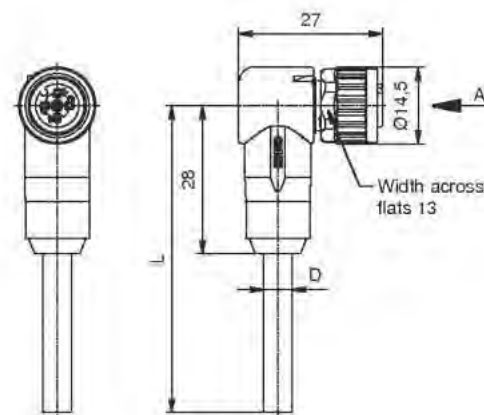
5-pos



### Contact Assignment

|   |                        |
|---|------------------------|
| 1 | brown                  |
| 2 | white                  |
| 3 | blue                   |
| 4 | black                  |
| 5 | gray                   |
|   | Shielding coupling nut |

### Dimension



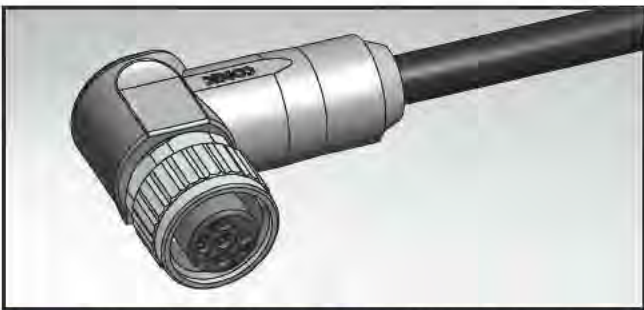
## ORDER DATA

| Cable                                                          | Length/L | Description          | 4-pos Part-no. | Description            | 5-pos Part-no. |
|----------------------------------------------------------------|----------|----------------------|----------------|------------------------|----------------|
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                     | 2m       |                      |                | SAL-12S-RKW5.1-2 / G3  | 43-12423       |
|                                                                | 3m       |                      |                | SAL-12S-RKW5.1-3 / G3  | 43-12424       |
|                                                                | 5m       |                      |                | SAL-12S-RKW5.1-5 / G3  | 43-12425       |
|                                                                | 10m      |                      |                | SAL-12S-RKW5.1-10 / G3 | 43-12426       |
| TPU UL,<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 2m       |                      |                | SAL-12S-RKW5.1-2 / G2  | 43-12427       |
|                                                                | 3m       |                      |                | SAL-12S-RKW5.1-3 / G2  | 43-12428       |
|                                                                | 5m       |                      |                | SAL-12S-RKW5.1-5 / G2  | 43-12429       |
|                                                                | 10m      |                      |                | SAL-12S-RKW5.1-10 / G2 | 43-12430       |
| PVC UL grey<br>LiYFCY 0,34 mm <sup>2</sup>                     | 2m       | SAL-12S-RKW4-2 / G3  | 43-12415       |                        |                |
|                                                                | 3m       | SAL-12S-RKW4-3 / G3  | 43-12416       |                        |                |
|                                                                | 5m       | SAL-12S-RKW4-5 / G3  | 43-12417       |                        |                |
|                                                                | 10m      | SAL-12S-RKW4-10 / G3 | 43-12418       |                        |                |
| TPU UL,<br>halogenfree black<br>Li9YFC11Y 0,34 mm <sup>2</sup> | 2m       | SAL-12S-RKW4-2 / G2  | 43-12419       |                        |                |
|                                                                | 3m       | SAL-12S-RKW4-3 / G2  | 43-12420       |                        |                |
|                                                                | 5m       | SAL-12S-RKW4-5 / G2  | 43-12421       |                        |                |
|                                                                | 10m      | SAL-12S-RKW4-10 / G2 | 43-12422       |                        |                |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Female connector, angled with 360°-shielding



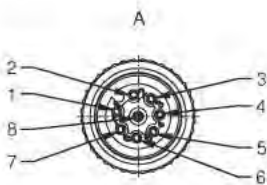
RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 2A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

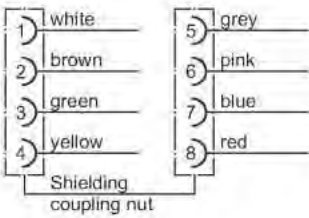
## PRODUCT DRAWING

### Pin Configuration

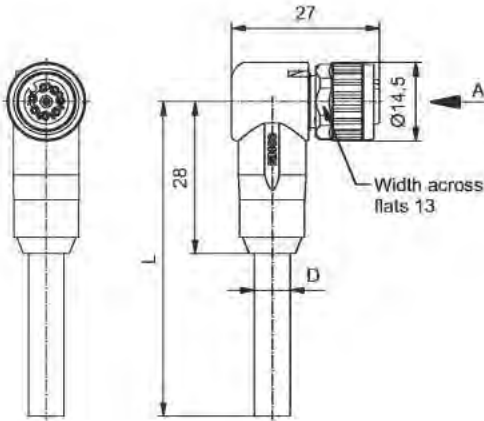
8-pos



### Contact Assignment



### Dimension



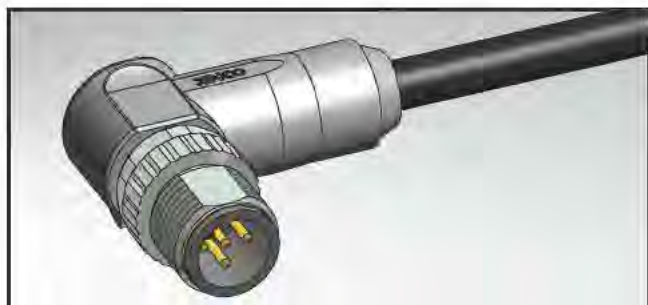
## ORDER DATA

| Cable                                             | Length/L | Description          | 8-pos<br>Part-no. |
|---------------------------------------------------|----------|----------------------|-------------------|
| PVC UL grey<br>LiYFCY 0,25 mm²                    | 2m       | SAL-12S-RKW8-2 / G3  | 43-12431          |
|                                                   | 3m       | SAL-12S-RKW8-3 / G3  | 43-12432          |
|                                                   | 5m       | SAL-12S-RKW8-5 / G3  | 43-12433          |
|                                                   | 10m      | SAL-12S-RKW8-10 / G3 | 43-12434          |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm² | 2m       | SAL-12S-RKW8-2 / G2  | 43-12435          |
|                                                   | 3m       | SAL-12S-RKW8-3 / G2  | 43-12436          |
|                                                   | 5m       | SAL-12S-RKW8-5 / G2  | 43-12437          |
|                                                   | 10m      | SAL-12S-RKW8-10 / G2 | 43-12438          |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Male connector, angled with 360°-shielding



RoHS compliant – UL listed, File no.: CYJV2.E318363 (K1-cable)

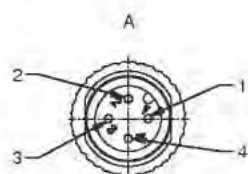
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 4-pos                   | 5-pos |
|                       | 160V                    | 60V   |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

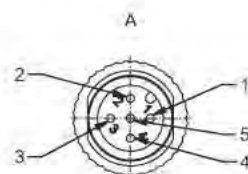
## PRODUCT DRAWING

### Pin Configuration

4-pos



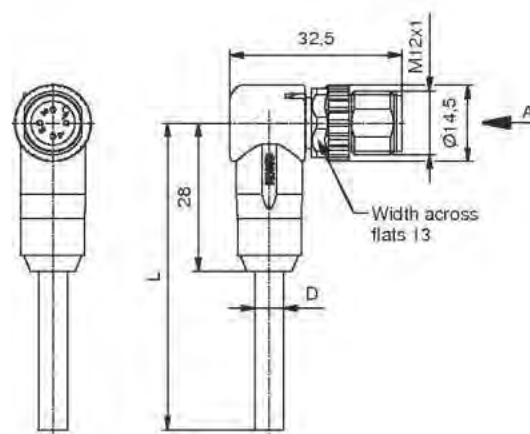
5-pos



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                                         | Length/L | Description                  | 4-pos Part-no. | Description                    | 5-pos Part-no. |
|---------------------------------------------------------------|----------|------------------------------|----------------|--------------------------------|----------------|
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                    | 2m       |                              |                | SAL-12S-RSW5.1-2 / G3 / A1090  | 43-14860       |
|                                                               | 3m       |                              |                | SAL-12S-RSW5.1-3 / G3 / A1090  | 43-14861       |
|                                                               | 5m       |                              |                | SAL-12S-RSW5.1-5 / G3 / A1090  | 43-14862       |
|                                                               | 10m      |                              |                | SAL-12S-RSW5.1-10 / G3 / A1090 | 43-14863       |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 2m       |                              |                | SAL-12S-RSW5.1-2 / G2 / A1090  | 43-14864       |
|                                                               | 3m       |                              |                | SAL-12S-RSW5.1-3 / G2 / A1090  | 43-14865       |
|                                                               | 5m       |                              |                | SAL-12S-RSW5.1-5 / G2 / A1090  | 43-14866       |
|                                                               | 10m      |                              |                | SAL-12S-RSW5.1-10 / G2 / A1090 | 43-14867       |
| PVC UL grey<br>LiYFCY 0,324 mm <sup>2</sup>                   | 2m       | SAL-12S-RSW4-2 / G3 / A1090  | 43-14852       |                                |                |
|                                                               | 3m       | SAL-12S-RSW4-3 / G3 / A1090  | 43-14853       |                                |                |
|                                                               | 5m       | SAL-12S-RSW4-5 / G3 / A1090  | 43-14854       |                                |                |
|                                                               | 10m      | SAL-12S-RSW4-10 / G3 / A1090 | 43-14855       |                                |                |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,34 mm <sup>2</sup> | 2m       | SAL-12S-RSW4-2 / G2 / A1090  | 43-14856       |                                |                |
|                                                               | 3m       | SAL-12S-RSW4-3 / G2 / A1090  | 43-14857       |                                |                |
|                                                               | 5m       | SAL-12S-RSW4-5 / G2 / A1090  | 43-14858       |                                |                |
|                                                               | 10m      | SAL-12S-RSW4-10 / G2 / A1090 | 43-14859       |                                |                |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Male connector, angled with 360°-shielding



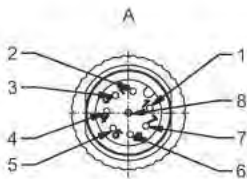
RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 2A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

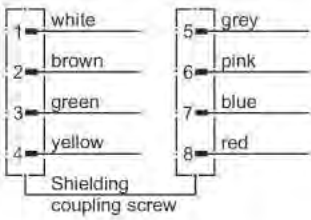
PRODUCT DRAWING

Pin Configuration

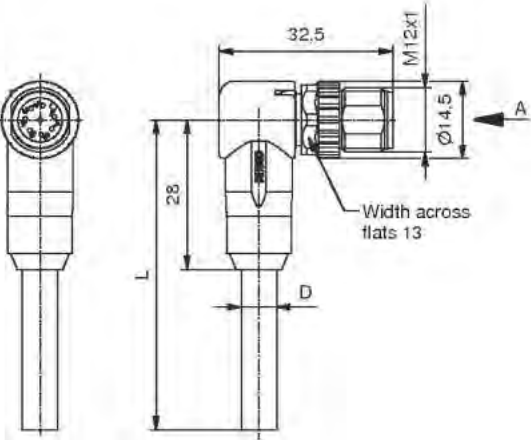
8-pos



Contact Assignment



Dimension



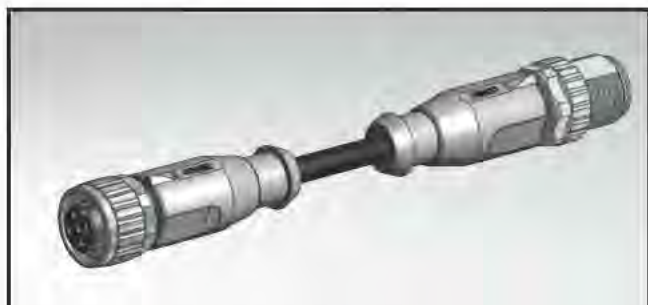
ORDER DATA

| Cable                                             | Length/L | Description                | 8-pos<br>Part-no. |
|---------------------------------------------------|----------|----------------------------|-------------------|
| PVC UL grey<br>LiYFCY 0,25 mm²                    | 2m       | SAL-12S-RSW8-2/ G3 /A1090  | 43-14868          |
|                                                   | 3m       | SAL-12S-RSW8-3/ G3 /A1090  | 43-14869          |
|                                                   | 5m       | SAL-12S-RSW8-5/ G3 /A1090  | 43-14870          |
|                                                   | 10m      | SAL-12S-RSW8-10/ G3 /A1090 | 43-14871          |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm² | 2m       | SAL-12S-RSW8-2/ G2 /A1090  | 43-14872          |
|                                                   | 3m       | SAL-12S-RSW8-3/ G2 /A1090  | 43-14873          |
|                                                   | 5m       | SAL-12S-RSW8-5/ G2 /A1090  | 43-14874          |
|                                                   | 10m      | SAL-12S-RSW8-10/ G2 /A1090 | 43-14875          |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Connecting cable Female connector, axial – Male connector, axial



RoHS compliant – UL listed, File no.: CYM2.E318363 (K1-cable)

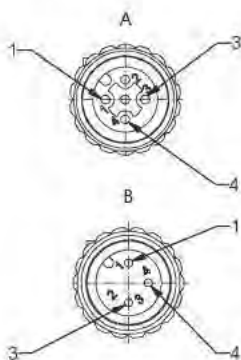
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 250V                    | 250V  |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

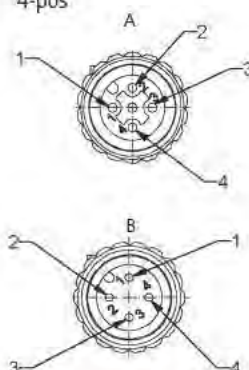
## PRODUCT DRAWING

### Pin Configuration

3-pos



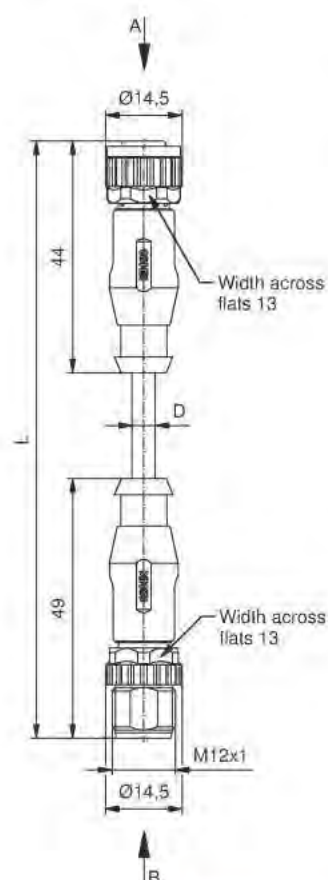
4-pos



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                                         | Length/L | Description           | 3-pos<br>Part-no. | Description           | 4-pos<br>Part-no. |
|---------------------------------------------------------------|----------|-----------------------|-------------------|-----------------------|-------------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                         | 0,3m     | SAL-12-RK3-RS3-0,3/A1 | 43-10544          | SAL-12-RK4-RS4-0,3/A1 | 43-10564          |
|                                                               | 0,6m     | SAL-12-RK3-RS3-0,6/A1 | 43-10545          | SAL-12-RK4-RS4-0,6/A1 | 43-10565          |
|                                                               | 1,5m     | SAL-12-RK3-RS3-1,5/A1 | 43-10546          | SAL-12-RK4-RS4-1,5/A1 | 43-10566          |
|                                                               | 3m       | SAL-12-RK3-RS3-3/A1   | 43-10547          | SAL-12-RK4-RS4-3/A1   | 43-10567          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 0,3m     | SAL-12-RK3-RS3-0,3/K1 | 43-10556          | SAL-12-RK4-RS4-0,3/K1 | 43-10576          |
|                                                               | 0,6m     | SAL-12-RK3-RS3-0,6/K1 | 43-10557          | SAL-12-RK4-RS4-0,6/K1 | 43-10577          |
|                                                               | 1,5m     | SAL-12-RK3-RS3-1,5/K1 | 43-10558          | SAL-12-RK4-RS4-1,5/K1 | 43-10578          |
|                                                               | 3m       | SAL-12-RK3-RS3-3/K1   | 43-10559          | SAL-12-RK4-RS4-3/K1   | 43-10579          |
| TPU UL,<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 0,3m     | SAL-12-RK3-RS3-0,3/J1 | 43-10560          | SAL-12-RK4-RS4-0,3/J1 | 43-10580          |
|                                                               | 0,6m     | SAL-12-RK3-RS3-0,6/J1 | 43-10561          | SAL-12-RK4-RS4-0,6/J1 | 43-10581          |
|                                                               | 1,5m     | SAL-12-RK3-RS3-1,5/J1 | 43-10562          | SAL-12-RK4-RS4-1,5/J1 | 43-10582          |
|                                                               | 3m       | SAL-12-RK3-RS3-3/J1   | 43-10563          | SAL-12-RK4-RS4-3/J1   | 43-10583          |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Connecting cable Female connector, axial – Male connector, axial



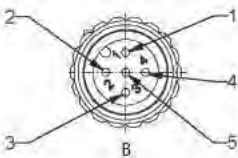
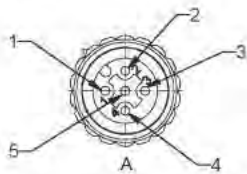
RoHS compliant – UL Listed, File no.: CYM2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |                     |
|-----------------------|-------------------------|---------------------|
| Rated voltage         | 5-pos                   | 6-pos               |
|                       | 60V                     | 30V                 |
| Current rating        | 4A at +40°C (5-pos)     | 2A at +40°C (6-pos) |
|                       | 2A at +40°C (6-pos)     |                     |
| Pollution degree      | 3 / 2                   |                     |
| Insulation resistance | >= 100 MΩ               |                     |
| Degree of protection  | IP67 in mated condition |                     |
| Temperature range     | -30°C to +80°C          |                     |
| Mating cycles         | >=100                   |                     |

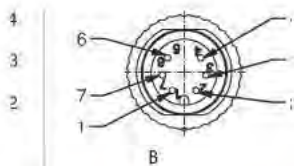
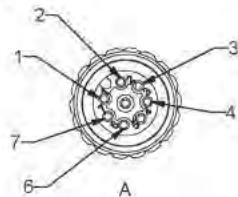
## PRODUCT DRAWING

### Pin Configuration

5-pos



6-pos

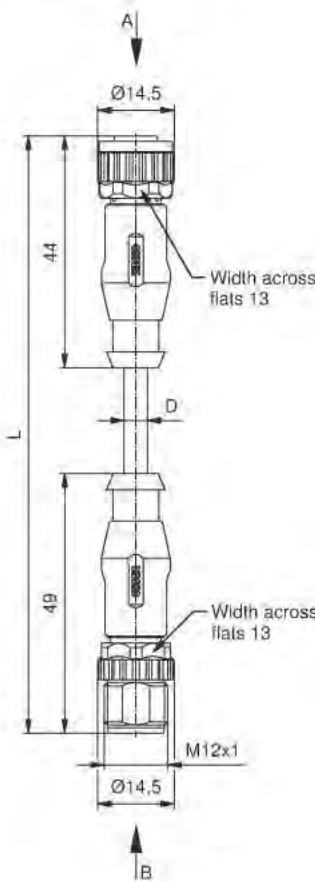


### Contact Assignment

- 1) brown
- 2) white
- 3) blue
- 4) black
- 5) green-yellow

- 1) brown
- 2) white
- 3) blue
- 4) black
- 6) grey
- 7) pink

### Dimension



## ORDER DATA

| Cable             | Length/L | Description           | 5-pos Part-no. | Description           | 6-pos Part-no. |
|-------------------|----------|-----------------------|----------------|-----------------------|----------------|
| PVC grey          | 0,3m     |                       |                | SAL-12-RK6-RS6-0,3/A1 | 43-11070       |
| LiYY 0,25 mm²     | 0,6m     |                       |                | SAL-12-RK6-RS6-0,6/A1 | 43-11071       |
|                   | 1,5m     |                       |                | SAL-12-RK6-RS6-1,5/A1 | 43-11072       |
|                   | 3m       |                       |                | SAL-12-RK6-RS6-3/A1   | 43-11073       |
| TPU UL            | 0,3m     |                       |                | SAL-12-RK6-RS6-0,3/K1 | 43-11078       |
| halogenfree black | 0,6m     |                       |                | SAL-12-RK6-RS6-0,6/K1 | 43-11079       |
| Li9Y11Y 0,25 mm²  | 1,5m     |                       |                | SAL-12-RK6-RS6-1,5/K1 | 43-11080       |
|                   | 3m       |                       |                | SAL-12-RK6-RS6-3/K1   | 43-11081       |
| PVC grey          | 0,3m     | SAL-12-RK5-RS5-0,3/A1 | 43-10584       |                       |                |
| LiYY 0,34 mm²     | 0,6m     | SAL-12-RK5-RS5-0,6/A1 | 43-10585       |                       |                |
|                   | 1,5m     | SAL-12-RK5-RS5-1,5/A1 | 43-10586       |                       |                |
|                   | 3m       | SAL-12-RK5-RS5-3/A1   | 43-10587       |                       |                |
| TPU UL            | 0,3m     | SAL-12-RK5-RS5-0,3/K1 | 43-10672       |                       |                |
| halogenfree black | 0,6m     | SAL-12-RK5-RS5-0,6/K1 | 43-10673       |                       |                |
| Li9Y11Y 0,34 mm²  | 1,5m     | SAL-12-RK5-RS5-1,5/K1 | 43-10674       |                       |                |
|                   | 3m       | SAL-12-RK5-RS5-3/K1   | 43-10675       |                       |                |
| TPU UL            | 0,3m     | SAL-12-RK5-RS5-0,3/J1 | 43-10676       |                       |                |
| irradiated orange | 0,6m     | SAL-12-RK5-RS5-0,6/J1 | 43-10677       |                       |                |
| Li2Y11X 0,34 mm²  | 1,5m     | SAL-12-RK5-RS5-1,5/J1 | 43-10678       |                       |                |
|                   | 3m       | SAL-12-RK5-RS5-3/J1   | 43-10679       |                       |                |



# SAL M12x1 CONNECTORS

Connecting cable Female connector, axial – Male connector, axial



RoHS compliant – UL Listed, File no.: CYN2.E318363 (K1-cable)

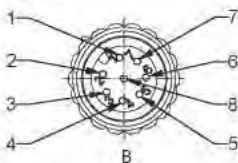
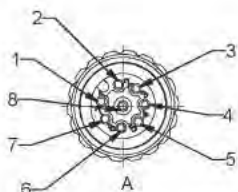
## TECHNICAL DATA

|                       |                         |                        |
|-----------------------|-------------------------|------------------------|
| Rated voltage         | 8-pos                   | 12-pos                 |
|                       | 30V                     | 30V                    |
| Current rating        | 2A at +40°C (8-pos)     | 1,5A at +40°C (12-pos) |
|                       |                         |                        |
| Pollution degree      | 3 / 2                   |                        |
| Insulation resistance | >= 100 MΩ               |                        |
| Degree of protection  | IP67 in mated condition |                        |
| Temperature range     | -30°C to +80°C          |                        |
| Mating cycles         | >=100                   |                        |

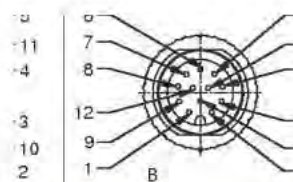
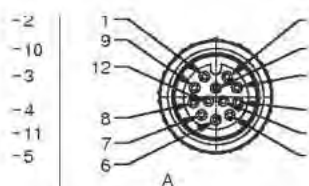
## PRODUCT DRAWING

### Pin Configuration

8-pos



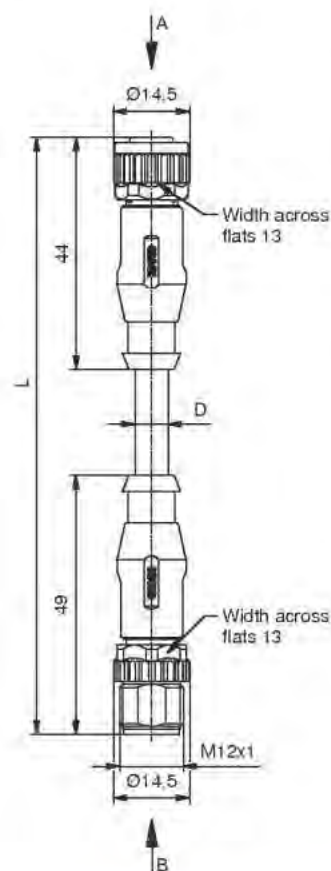
12-pos



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                           | Length/L | Description           | 8-pos Part-no. | Description             | 12-pos Part-no. |
|-------------------------------------------------|----------|-----------------------|----------------|-------------------------|-----------------|
| PVC UL grey<br>LiYY 0,14 mm²                    | 0,3m     |                       |                | SAL-12-RK12-RS12-0,3/A3 | 43-15277        |
|                                                 | 0,6m     |                       |                | SAL-12-RK12-RS12-0,6/A3 | 43-15278        |
|                                                 | 1,5m     |                       |                | SAL-12-RK12-RS12-1,5/A3 | 43-15279        |
|                                                 | 3m       |                       |                | SAL-12-RK12-RS12-3/A3   | 43-15280        |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,14 mm² | 0,3m     |                       |                | SAL-12-RK12-RS12-0,3/K1 | 43-13662        |
|                                                 | 0,6m     |                       |                | SAL-12-RK12-RS12-0,6/K1 | 43-15281        |
|                                                 | 1,5m     |                       |                | SAL-12-RK12-RS12-1,5/K1 | 43-15282        |
|                                                 | 3m       |                       |                | SAL-12-RK12-RS12-3/K1   | 43-15283        |
| PVC grey<br>LiYY 0,25 mm²                       | 0,3m     | SAL-12-RK8-RS8-0,3/A1 | 43-10596       |                         |                 |
|                                                 | 0,6m     | SAL-12-RK8-RS8-0,6/A1 | 43-10597       |                         |                 |
|                                                 | 1,5m     | SAL-12-RK8-RS8-1,5/A1 | 43-10598       |                         |                 |
|                                                 | 3m       | SAL-12-RK8-RS8-3/A1   | 43-10599       |                         |                 |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m     | SAL-12-RK8-RS8-0,3/K1 | 43-11054       |                         |                 |
|                                                 | 0,6m     | SAL-12-RK8-RS8-0,6/K1 | 43-11055       |                         |                 |
|                                                 | 1,5m     | SAL-12-RK8-RS8-1,5/K1 | 43-11056       |                         |                 |
|                                                 | 3m       | SAL-12-RK8-RS8-3/K1   | 43-11057       |                         |                 |

For custom length or quality levels contact factory

Connecting cable Female connector, axial – Male connector, angled



## Dimension

B

Technical drawing of the M12x1 cable gland showing three views: side, front, and rear. The side view shows the cable (D) passing through the gland. The front view shows the gland with a width of 13 across the flats and a diameter of 14.5. The rear view shows the gland with a width of 13 across the flats, a diameter of 14.5, and a length of 28. The total length of the gland is L. The drawing is labeled with dimensions and a note "Width across flats 13".

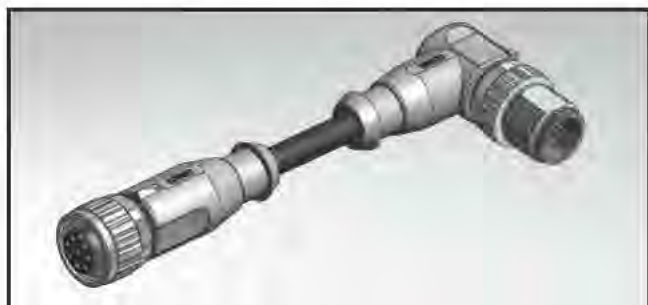
[illegible]

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%



# SAL M12x1 CONNECTORS

Connecting cable Female connector, axial – Male connector, angled



RoHS compliant – UL listed, File no.: CYM2.E318363 (K1-cable)

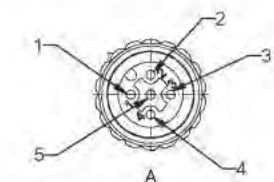
## TECHNICAL DATA

|                       |                         |                      |
|-----------------------|-------------------------|----------------------|
| Rated voltage         | 5-pos                   | 6-pos                |
|                       | 60V                     | 30V                  |
| Current rating        | 4A at +40 °C (5-pos)    | 2A at +40 °C (6-pos) |
|                       |                         |                      |
| Pollution degree      | 3 / 2                   |                      |
| Insulation resistance | ≥ 100 MΩ                |                      |
| Degree of protection  | IP67 in mated condition |                      |
| Temperature range     | -30 °C to +80 °C        |                      |
| Mating cycles         | ≥ 100                   |                      |

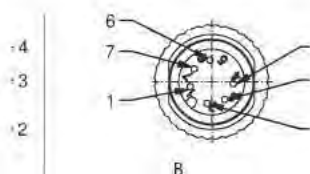
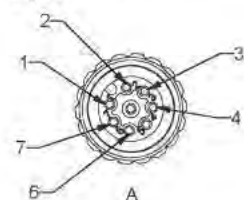
## PRODUCT DRAWING

### Pin Configuration

5-pos



6-pos

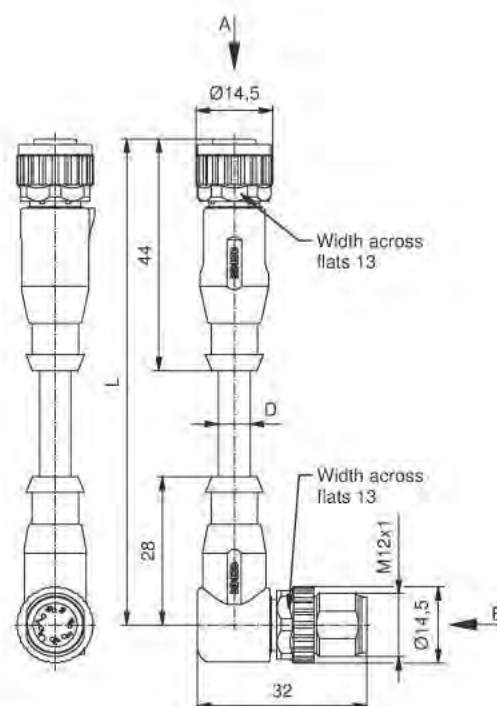


### Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 green-yellow

- 1 brown
- 2 white
- 3 blue
- 5 black
- 6 grey
- 7 pink

### Dimension



## ORDER DATA

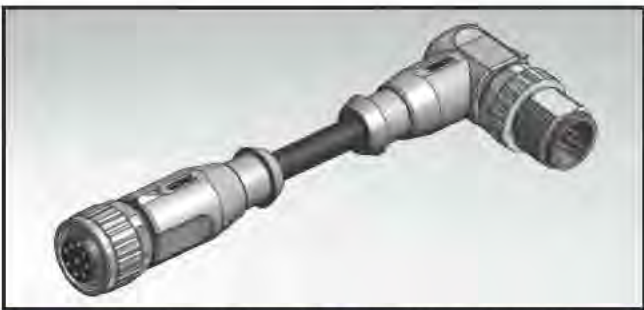
| Cable                         | Length/L | Description                  | 5-pos Part-no. | Description                  | 6-pos Part-no. |
|-------------------------------|----------|------------------------------|----------------|------------------------------|----------------|
| PVC grey                      | 0,3m     |                              |                | SAL-12-RK6-RSW6-0,3/A1/A1090 | 43-14629       |
| LiYY 0,25 mm <sup>2</sup>     | 0,6m     |                              |                | SAL-12-RK6-RSW6-0,6/A1/A1090 | 43-14630       |
|                               | 1,5m     |                              |                | SAL-12-RK6-RSW6-1,5/A1/A1090 | 43-14631       |
|                               | 3m       |                              |                | SAL-12-RK6-RSW6-3/A1/A1090   | 43-14632       |
| TPU UL                        | 0,3m     |                              |                | SAL-12-RK6-RSW6-0,3/K1/A1090 | 43-14633       |
| halogenfree black             | 0,6m     |                              |                | SAL-12-RK6-RSW6-0,6/K1/A1090 | 43-14634       |
| Li9Y11Y 0,25 mm <sup>2</sup>  | 1,5m     |                              |                | SAL-12-RK6-RSW6-1,5/K1/A1090 | 43-14635       |
|                               | 3m       |                              |                | SAL-12-RK6-RSW6-3/K1/A1090   | 43-14636       |
| PVC grey                      | 0,3m     | SAL-12-RK5-RSW5-0,3/A1/A1090 | 43-14617       |                              |                |
| LiYY 0,34 mm <sup>2</sup>     | 0,6m     | SAL-12-RK5-RSW5-0,6/A1/A1090 | 43-14618       |                              |                |
|                               | 1,5m     | SAL-12-RK5-RSW5-1,5/A1/A1090 | 43-14619       |                              |                |
|                               | 3m       | SAL-12-RK5-RSW5-3/A1/A1090   | 43-14620       |                              |                |
| TPU UL                        | 0,3m     | SAL-12-RK5-RSW5-0,3/K1/A1090 | 43-14621       |                              |                |
| halogenfree black             | 0,6m     | SAL-12-RK5-RSW5-0,6/K1/A1090 | 43-14622       |                              |                |
| Li9Y11Y 0,34 mm <sup>2</sup>  | 1,5m     | SAL-12-RK5-RSW5-1,5/K1/A1090 | 43-14623       |                              |                |
|                               | 3m       | SAL-12-RK5-RSW5-3/K1/A1090   | 43-14624       |                              |                |
| TPU UL                        | 0,3m     | SAL-12-RK5-RSW5-0,3/J1/A1090 | 43-14625       |                              |                |
| irradiated orange             | 0,6m     | SAL-12-RK5-RSW5-0,6/J1/A1090 | 43-14626       |                              |                |
| Li12Y11X 0,34 mm <sup>2</sup> | 1,5m     | SAL-12-RK5-RSW5-1,5/J1/A1090 | 43-14627       |                              |                |
|                               | 3m       | SAL-12-RK5-RSW5-3/J1/A1090   | 43-14628       |                              |                |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Connecting cable Female connector, axial – Male connector, angled



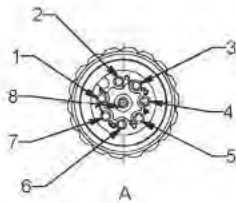
RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 2A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

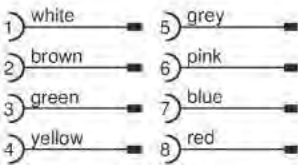
PRODUCT DRAWING

Pin Configuration

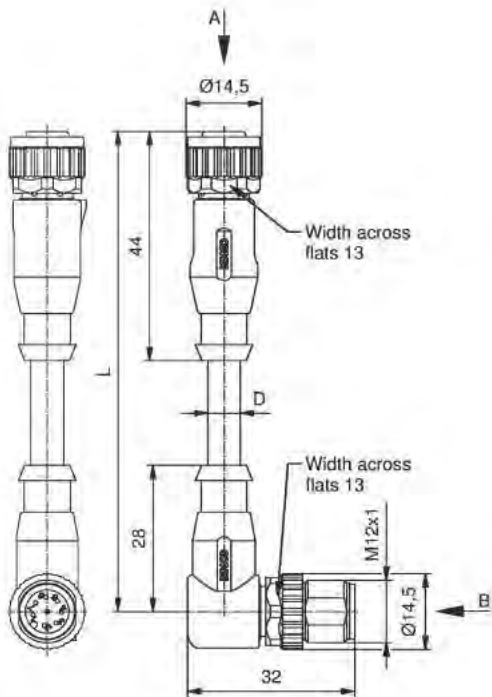
8-pos



Contact Assignment



Dimension

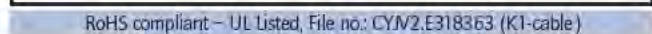


ORDER DATA

| Cable                                           | Length / L | Description                      | 8-pos Part-no. |
|-------------------------------------------------|------------|----------------------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 0,3m       | SAL-12-RK8-RSW8-0,3 / A1 / A1090 | 43-14637       |
|                                                 | 0,6m       | SAL-12-RK8-RSW8-0,6 / A1 / A1090 | 43-14638       |
|                                                 | 1,5m       | SAL-12-RK8-RSW8-1,5 / A1 / A1090 | 43-14639       |
|                                                 | 3m         | SAL-12-RK8-RSW8-3 / A1 / A1090   | 43-14640       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-12-RK8-RSW8-0,3 / K1 / A1090 | 43-14641       |
|                                                 | 0,6m       | SAL-12-RK8-RSW8-0,6 / K1 / A1090 | 43-14642       |
|                                                 | 1,5m       | SAL-12-RK8-RSW8-1,5 / K1 / A1090 | 43-14643       |
|                                                 | 3m         | SAL-12-RK8-RSW8-3 / K1 / A1090   | 43-14644       |

For custom length or quality levels contact factory

Connecting cable Female connector, angled – Male connector, axial



|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 250V                    | 250V  |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | ≥ 100 MΩ                |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | ≥ 100                   |       |

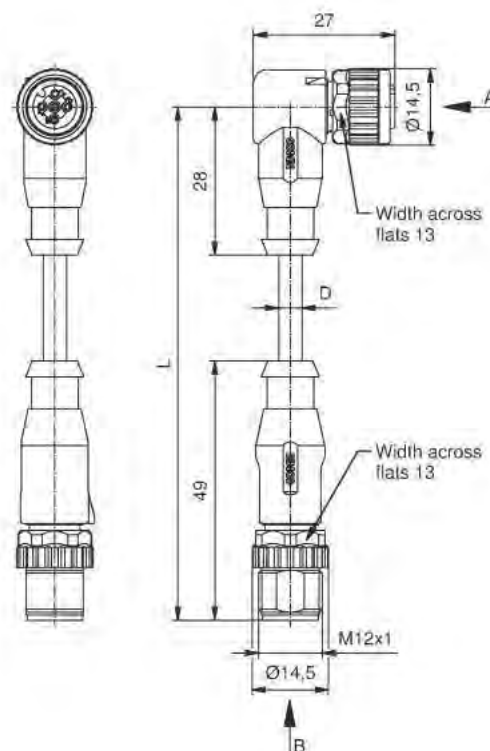
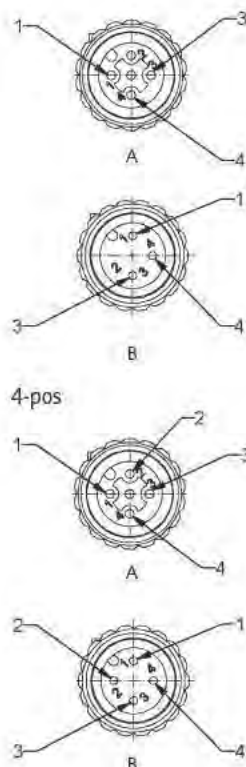
## Dimension

1) brown

2) white

3) blue

4) black



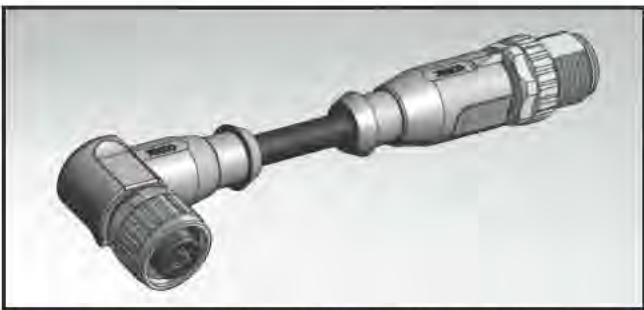
| Cable                                                         | Length/L | Description              | 3-pos<br>Part-no. | Description              | 4-pos<br>Part-no. |
|---------------------------------------------------------------|----------|--------------------------|-------------------|--------------------------|-------------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                         | 0,3m     | SAL-12-RKW3-RS3-0,3 / A1 | 43-10688          | SAL-12-RKW4-RS4-0,3 / A1 | 43-10708          |
|                                                               | 0,6m     | SAL-12-RKW3-RS3-0,6 / A1 | 43-10689          | SAL-12-RKW4-RS4-0,6 / A1 | 43-10709          |
|                                                               | 1,5m     | SAL-12-RKW3-RS3-1,5 / A1 | 43-10690          | SAL-12-RKW4-RS4-1,5 / A1 | 43-10710          |
|                                                               | 3m       | SAL-12-RKW3-RS3-3 / A1   | 43-10691          | SAL-12-RKW4-RS4-3 / A1   | 43-10711          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 0,3m     | SAL-12-RKW3-RS3-0,3 / K1 | 43-10700          | SAL-12-RKW4-RS4-0,3 / K1 | 43-10720          |
|                                                               | 0,6m     | SAL-12-RKW3-RS3-0,6 / K1 | 43-10701          | SAL-12-RKW4-RS4-0,6 / K1 | 43-10721          |
|                                                               | 1,5m     | SAL-12-RKW3-RS3-1,5 / K1 | 43-10702          | SAL-12-RKW4-RS4-1,5 / K1 | 43-10722          |
|                                                               | 3m       | SAL-12-RKW3-RS3-3 / K1   | 43-10703          | SAL-12-RKW4-RS4-3 / K1   | 43-10723          |
| TPU UL,<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 0,3m     | SAL-12-RKW3-RS3-0,3 / J1 | 43-10704          | SAL-12-RKW4-RS4-0,3 / J1 | 43-10724          |
|                                                               | 0,6m     | SAL-12-RKW3-RS3-0,6 / J1 | 43-10705          | SAL-12-RKW4-RS4-0,6 / J1 | 43-10725          |
|                                                               | 1,5m     | SAL-12-RKW3-RS3-1,5 / J1 | 43-10706          | SAL-12-RKW4-RS4-1,5 / J1 | 43-10726          |
|                                                               | 3m       | SAL-12-RKW3-RS3-3 / J1   | 43-10707          | SAL-12-RKW4-RS4-3 / J1   | 43-10727          |

**CONEC**<sup>®</sup> 1 | 67



SAL M12x1 CONNECTORS

Connecting cable Female connector, angled – Male connector, axial



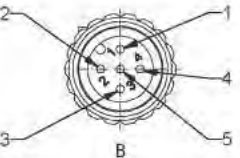
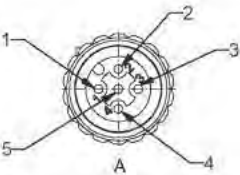
RoHS compliant – UL Listed, File no.: CYJV2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 5-pos                   | 6-pos |
|                       | 60V                     | 30V   |
| Current rating        | 4A at +40°C (5-pos)     |       |
|                       | 2A at +40°C (6-pos)     |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

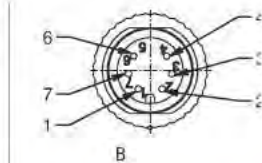
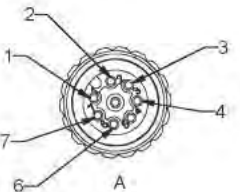
PRODUCT DRAWING

Pin Configuration

5-pos



6-pos

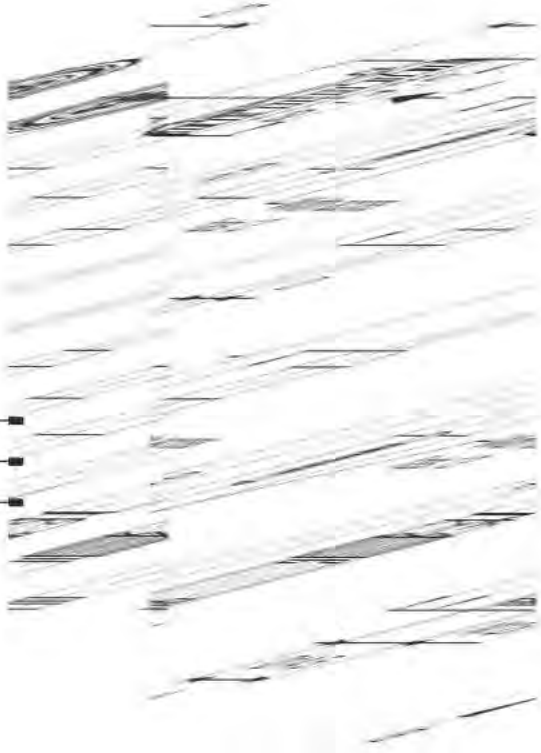


Contact Assignment

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 green-yellow

- 1 brown
- 2 white
- 3 blue
- 5 black
- 6 grey
- 7 pink

Dimension



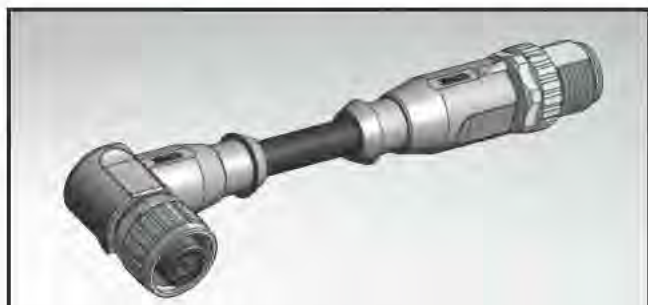
ORDER DATA

| Cable             | Length/L | Description            | 5-pos<br>Part-no. | Description            | 6-pos<br>Part-no. |
|-------------------|----------|------------------------|-------------------|------------------------|-------------------|
| PVC grey          | 0,3m     |                        |                   | SAL-12-RKW6-RS6-0,3/A1 | 43-11082          |
| LiYY 0,25 mm²     | 0,6m     |                        |                   | SAL-12-RKW6-RS6-0,6/A1 | 43-11083          |
|                   | 1,5m     |                        |                   | SAL-12-RKW6-RS6-1,5/A1 | 43-11084          |
|                   | 3m       |                        |                   | SAL-12-RKW6-RS6-3/A1   | 43-11085          |
| TPU UL            | 0,3m     |                        |                   | SAL-12-RKW6-RS6-0,3/K1 | 43-11086          |
| halogenfree black | 0,6m     |                        |                   | SAL-12-RKW6-RS6-0,6/K1 | 43-11087          |
| Li9Y11Y 0,25 mm²  | 1,5m     |                        |                   | SAL-12-RKW6-RS6-1,5/K1 | 43-11088          |
|                   | 3m       |                        |                   | SAL-12-RKW6-RS6-3/K1   | 43-11089          |
| PVC grey          | 0,3m     | SAL-12-RKW5-RS5-0,3/A1 | 43-10952          |                        |                   |
| LiYY 0,34 mm²     | 0,6m     | SAL-12-RKW5-RS5-0,6/A1 | 43-10953          |                        |                   |
|                   | 1,5m     | SAL-12-RKW5-RS5-1,5/A1 | 43-10954          |                        |                   |
|                   | 3m       | SAL-12-RKW5-RS5-3/A1   | 43-10955          |                        |                   |
| TPU UL            | 0,3m     | SAL-12-RKW5-RS5-0,3/K1 | 43-10964          |                        |                   |
| halogenfree black | 0,6m     | SAL-12-RKW5-RS5-0,6/K1 | 43-10965          |                        |                   |
| Li9Y11Y 0,34 mm²  | 1,5m     | SAL-12-RKW5-RS5-1,5/K1 | 43-10966          |                        |                   |
|                   | 3m       | SAL-12-RKW5-RS5-3/K1   | 43-10967          |                        |                   |
| TPU UL            | 0,3m     | SAL-12-RKW5-RS5-0,3/J1 | 43-10968          |                        |                   |
| irradiated orange | 0,6m     | SAL-12-RKW5-RS5-0,6/J1 | 43-10969          |                        |                   |
| Li12Y11X 0,34 mm² | 1,5m     | SAL-12-RKW5-RS5-1,5/J1 | 43-10970          |                        |                   |
|                   | 3m       | SAL-12-RKW5-RS5-3/J1   | 43-10971          |                        |                   |



# SAL M12x1 CONNECTORS

Connecting cable Female connector, angled – Male connector, axial



RoHS compliant – UL listed, File no.: CYJV2.E318363 (K1-cable)

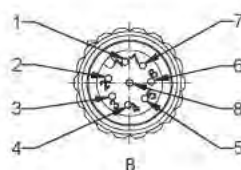
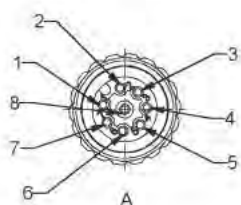
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 2A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

## PRODUCT DRAWING

### Pin Configuration

8-pos

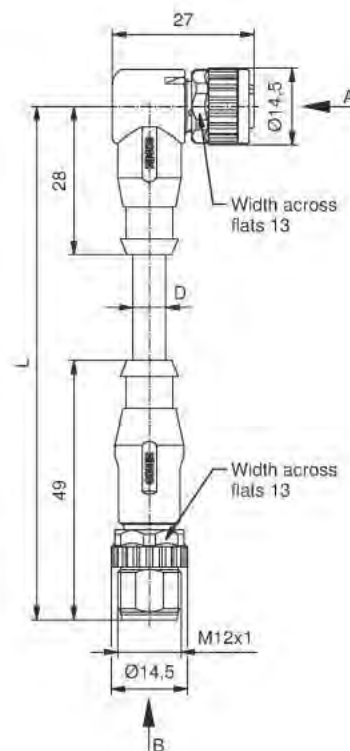


### Contact Assignment

|          |        |
|----------|--------|
| 1 white  | 5 grey |
| 2 brown  | 6 pink |
| 3 green  | 7 blue |
| 4 yellow | 8 red  |



### Dimension



## ORDER DATA

| Cable                                           | Length / L | Description              | 8-pos Part-no. |
|-------------------------------------------------|------------|--------------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 0,3m       | SAL-12-RKW8-RS8-0,3 / A1 | 43-10728       |
|                                                 | 0,6m       | SAL-12-RKW8-RS8-0,6 / A1 | 43-10729       |
|                                                 | 1,5m       | SAL-12-RKW8-RS8-1,5 / A1 | 43-10730       |
|                                                 | 3m         | SAL-12-RKW8-RS8-3 / A1   | 43-10731       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-12-RKW8-RS8-0,3 / K1 | 43-11106       |
|                                                 | 0,6m       | SAL-12-RKW8-RS8-0,6 / K1 | 43-11107       |
|                                                 | 1,5m       | SAL-12-RKW8-RS8-1,5 / K1 | 43-11108       |
|                                                 | 3m         | SAL-12-RKW8-RS8-3 / K1   | 43-11109       |

For custom length or quality levels contact factory

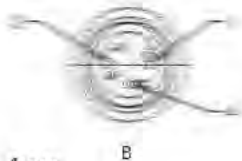
Connecting cable Female connector, angled – Male connector, angled



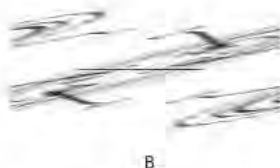
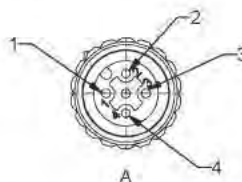
|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 3-pos                   | 4-pos |
|                       | 250V                    | 250V  |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | ≥ 100 MΩ                |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | ≥ 100                   |       |

### Pin Configuration

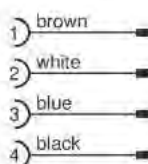
3-pos



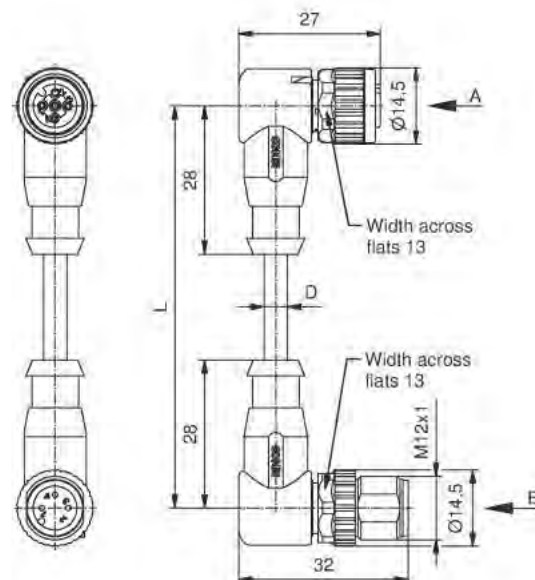
4-pos



### Contact Assignment



## Dimension



| Cable                                                         | Length/L | Description                       | 3-pos<br>Part-no. | Description                       | 4-pos<br>Part-no. |
|---------------------------------------------------------------|----------|-----------------------------------|-------------------|-----------------------------------|-------------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                         | 0,3m     | SAL-12-RKW3-RSW3-0,3 / A1 / A1090 | 43-14653          | SAL-12-RKW4-RSW4-0,3 / A1 / A1090 | 43-14665          |
|                                                               | 0,6m     | SAL-12-RKW3-RSW3-0,6 / A1 / A1090 | 43-14654          | SAL-12-RKW4-RSW4-0,6 / A1 / A1090 | 43-14666          |
|                                                               | 1,5m     | SAL-12-RKW3-RSW3-1,5 / A1 / A1090 | 43-14655          | SAL-12-RKW4-RSW4-1,5 / A1 / A1090 | 43-14667          |
|                                                               | 3m       | SAL-12-RKW3-RSW3-3 / A1 / A1090   | 43-14656          | SAL-12-RKW4-RSW4-3 / A1 / A1090   | 43-14668          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 0,3m     | SAL-12-RKW3-RSW3-0,3 / K1 / A1090 | 43-14657          | SAL-12-RKW4-RSW4-0,3 / K1 / A1090 | 43-14669          |
|                                                               | 0,6m     | SAL-12-RKW3-RSW3-0,6 / K1 / A1090 | 43-14658          | SAL-12-RKW4-RSW4-0,6 / K1 / A1090 | 43-14670          |
|                                                               | 1,5m     | SAL-12-RKW3-RSW3-1,5 / K1 / A1090 | 43-14659          | SAL-12-RKW4-RSW4-1,5 / K1 / A1090 | 43-14671          |
|                                                               | 3m       | SAL-12-RKW3-RSW3-3 / K1 / A1090   | 43-14660          | SAL-12-RKW4-RSW4-3 / K1 / A1090   | 43-14672          |
| TPU UL,<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 0,3m     | SAL-12-RKW3-RSW3-0,3 / J1 / A1090 | 43-14661          | SAL-12-RKW4-RSW4-0,3 / J1 / A1090 | 43-14673          |
|                                                               | 0,6m     | SAL-12-RKW3-RSW3-0,6 / J1 / A1090 | 43-14662          | SAL-12-RKW4-RSW4-0,6 / J1 / A1090 | 43-14674          |
|                                                               | 1,5m     | SAL-12-RKW3-RSW3-1,5 / J1 / A1090 | 43-14663          | SAL-12-RKW4-RSW4-1,5 / J1 / A1090 | 43-14675          |
|                                                               | 3m       | SAL-12-RKW3-RSW3-3 / J1 / A1090   | 43-14664          | SAL-12-RKW4-RSW4-3 / J1 / A1090   | 43-14676          |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Connecting cable Female connector, angled – Male connector, angled



RoHS compliant – UL listed, File no.: CYM2.E318363 (K1-cable)

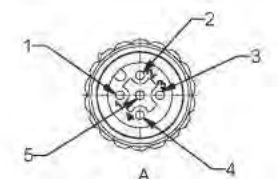
## TECHNICAL DATA

|                       |                         |                     |
|-----------------------|-------------------------|---------------------|
| Rated voltage         | 5-pos                   | 6-pos               |
|                       | 60V                     | 30V                 |
| Current rating        | 4A at +40°C (5-pos)     | 2A at +40°C (6-pos) |
|                       | 2A at +40°C (6-pos)     |                     |
| Pollution degree      | 3 / 2                   |                     |
| Insulation resistance | >= 100 MΩ               |                     |
| Degree of protection  | IP67 in mated condition |                     |
| Temperature range     | -30°C to +80°C          |                     |
| Mating cycles         | >= 100                  |                     |

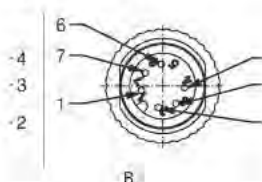
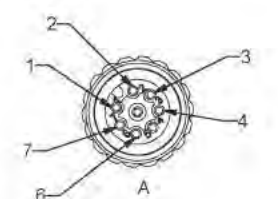
## PRODUCT DRAWING

### Pin Configuration

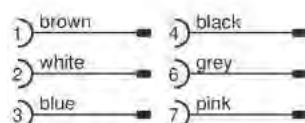
5-pos



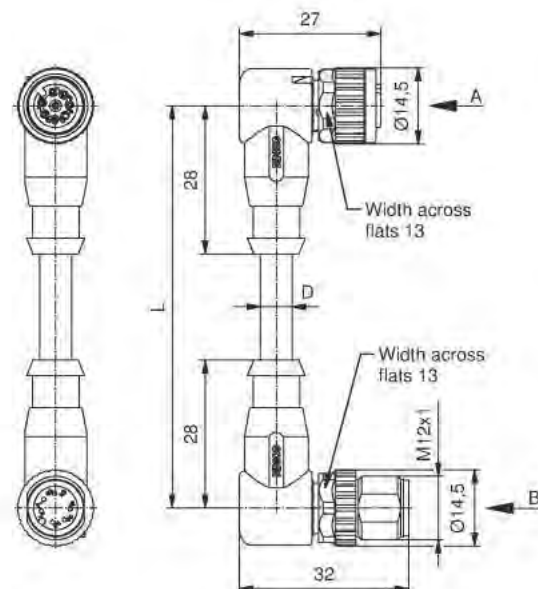
6-pos



### Contact Assignment



### Dimension



## ORDER DATA

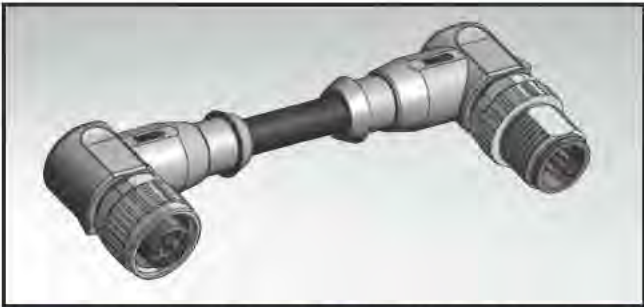
| Cable                        | Length/L | Description                   | 5-pos<br>Part-no. | Description                   | 6-pos<br>Part-no. |
|------------------------------|----------|-------------------------------|-------------------|-------------------------------|-------------------|
| PVC grey                     | 0,3m     |                               |                   | SAL-12-RKW6-RSW6-0,3/A1/A1090 | 43-14688          |
| LiYY 0,25 mm <sup>2</sup>    | 0,6m     |                               |                   | SAL-12-RKW6-RSW6-0,6/A1/A1090 | 43-14690          |
|                              | 1,5m     |                               |                   | SAL-12-RKW6-RSW6-1,5/A1/A1090 | 43-14691          |
|                              | 3m       |                               |                   | SAL-12-RKW6-RSW6-3/A1/A1090   | 43-14692          |
| TPU UL,                      | 0,3m     |                               |                   | SAL-12-RKW6-RSW6-0,3/K1/A1090 | 43-14693          |
| halogenfree black            | 0,6m     |                               |                   | SAL-12-RKW6-RSW6-0,6/K1/A1090 | 43-14694          |
| Li9Y11Y 0,25 mm <sup>2</sup> | 1,5m     |                               |                   | SAL-12-RKW6-RSW6-1,5/K1/A1090 | 43-14695          |
|                              | 3m       |                               |                   | SAL-12-RKW6-RSW6-3/K1/A1090   | 43-14696          |
| PVC grey                     | 0,3m     | SAL-12-RKW5-RSW5-0,3/A1/A1090 | 43-14677          |                               |                   |
| LiYY 0,34 mm <sup>2</sup>    | 0,6m     | SAL-12-RKW5-RSW5-0,6/A1/A1090 | 43-14678          |                               |                   |
|                              | 1,5m     | SAL-12-RKW5-RSW5-1,5/A1/A1090 | 43-14679          |                               |                   |
|                              | 3m       | SAL-12-RKW5-RSW5-3/A1/A1090   | 43-14680          |                               |                   |
| TPU UL,                      | 0,3m     | SAL-12-RKW5-RSW5-0,3/K1/A1090 | 43-14681          |                               |                   |
| halogenfree black            | 0,6m     | SAL-12-RKW5-RSW5-0,6/K1/A1090 | 43-14682          |                               |                   |
| Li9Y11Y 0,34 mm <sup>2</sup> | 1,5m     | SAL-12-RKW5-RSW5-1,5/K1/A1090 | 43-14683          |                               |                   |
|                              | 3m       | SAL-12-RKW5-RSW5-3/K1/A1090   | 43-14684          |                               |                   |
| TPU UL,                      | 0,3m     | SAL-12-RKW5-RSW5-0,3/J1/A1090 | 43-14685          |                               |                   |
| irradiated orange            | 0,6m     | SAL-12-RKW5-RSW5-0,6/J1/A1090 | 43-14686          |                               |                   |
| Li2Y11X 0,34 mm <sup>2</sup> | 1,5m     | SAL-12-RKW5-RSW5-1,5/J1/A1090 | 43-14687          |                               |                   |
|                              | 3m       | SAL-12-RKW5-RSW5-3/J1/A1090   | 43-14688          |                               |                   |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Connecting cable Female connector, angled – Male connector, angled



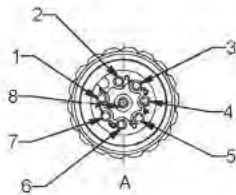
RoHS compliant – UL listed, File no.: CYJV2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 8-pos<br>30V            |
| Current rating        | 2A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

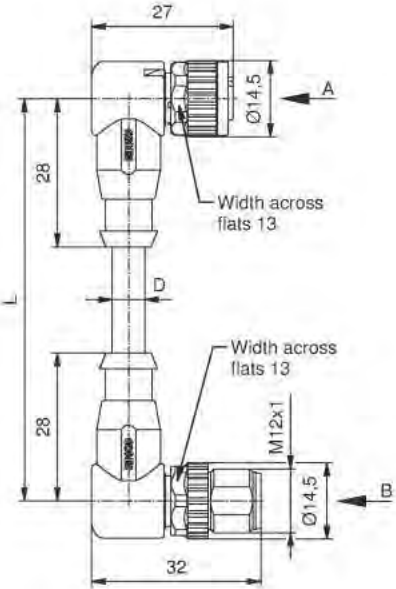
8-pos



Contact Assignment



Dimension



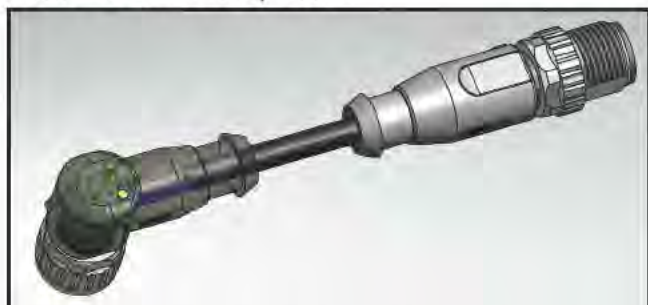
ORDER DATA

| Cable                                           | Length / L | Description                       | 8-pos Part-no. |
|-------------------------------------------------|------------|-----------------------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                       | 0,3m       | SAL-12-RKW8-RSW8-0,3 / A1 / A1090 | 43-14697       |
|                                                 | 0,6m       | SAL-12-RKW8-RSW8-0,6 / A1 / A1090 | 43-14698       |
|                                                 | 1,5m       | SAL-12-RKW8-RSW8-1,5 / A1 / A1090 | 43-14699       |
|                                                 | 3m         | SAL-12-RKW8-RSW8-3 / A1 / A1090   | 43-14700       |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-12-RKW8-RSW8-0,3 / K1 / A1090 | 43-14701       |
|                                                 | 0,6m       | SAL-12-RKW8-RSW8-0,6 / K1 / A1090 | 43-14702       |
|                                                 | 1,5m       | SAL-12-RKW8-RSW8-1,5 / K1 / A1090 | 43-14703       |
|                                                 | 3m         | SAL-12-RKW8-RSW8-3 / K1 / A1090   | 43-14704       |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Connecting cable Female connector, angled with 2-Indicators LED-display –  
Male connector, axial



RoHS compliant – UL listed, File no.: CYJV2.E318363 (K1-cable)

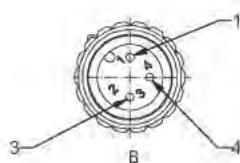
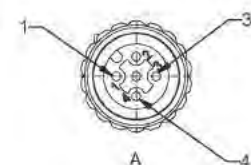
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos<br>30V            |
| Current rating        | 4A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >= 100                  |

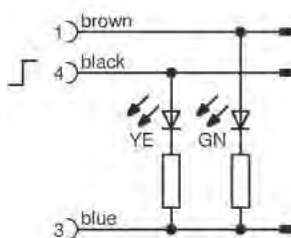
## PRODUCT DRAWING

### Pin Configuration

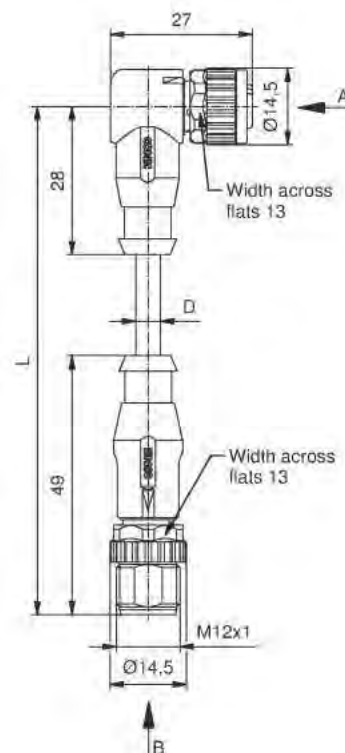
3-pos



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                                         | Length/L | Description               | 3-pos Part-no. |
|---------------------------------------------------------------|----------|---------------------------|----------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                         | 0,3m     | SAL-12-RKW3-RS3-2L-0,3/A1 | 43-10392       |
|                                                               | 0,6m     | SAL-12-RKW3-RS3-2L-0,6/A1 | 43-10393       |
|                                                               | 1,5m     | SAL-12-RKW3-RS3-2L-1,5/A1 | 43-10394       |
|                                                               | 3m       | SAL-12-RKW3-RS3-2L-3/A1   | 43-10395       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup>  | 0,3m     | SAL-12-RKW3-RS3-2L-0,3/K1 | 43-10884       |
|                                                               | 0,6m     | SAL-12-RKW3-RS3-2L-0,6/K1 | 43-10885       |
|                                                               | 1,5m     | SAL-12-RKW3-RS3-2L-1,5/K1 | 43-10886       |
|                                                               | 3m       | SAL-12-RKW3-RS3-2L-3/K1   | 43-10887       |
| TPU UL,<br>irradiated orange<br>Li12Y11X 0,34 mm <sup>2</sup> | 0,3m     | SAL-12-RKW3-RS3-2L-0,3/J1 | 43-10888       |
|                                                               | 0,6m     | SAL-12-RKW3-RS3-2L-0,6/J1 | 43-10889       |
|                                                               | 1,5m     | SAL-12-RKW3-RS3-2L-1,5/J1 | 43-10890       |
|                                                               | 3m       | SAL-12-RKW3-RS3-2L-3/J1   | 43-10891       |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Connecting cable Female connector, angled with 3-Indicators LED-display –  
Male connector, axial



RoHS compliant – UL listed, File no.: CYM2.E318363 (K1-cable)

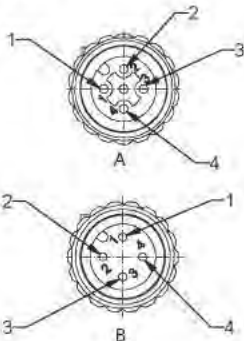
### TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 4-pos                   | 5-pos |
|                       | 30V                     | 30V   |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >=100                   |       |

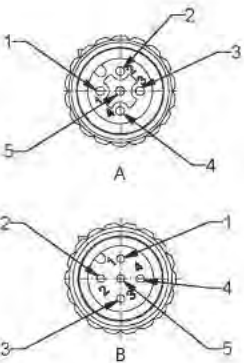
### PRODUCT DRAWING

#### Pin Configuration

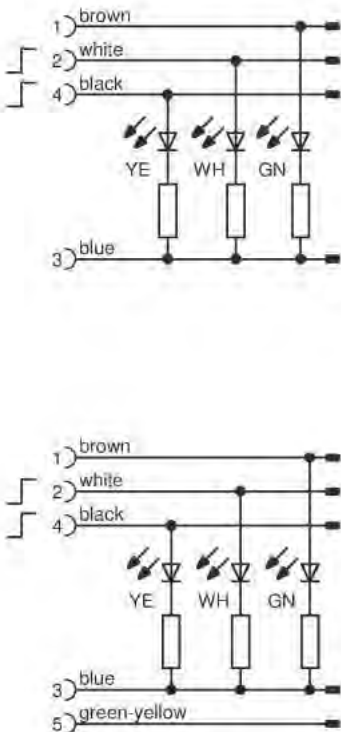
4-pos



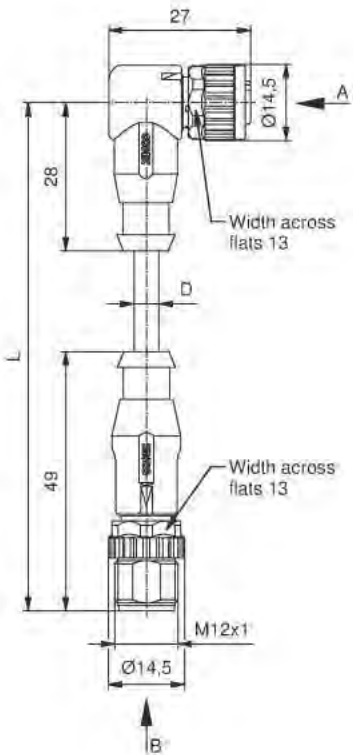
5-pos



#### Contact Assignment



#### Dimension



### ORDER DATA

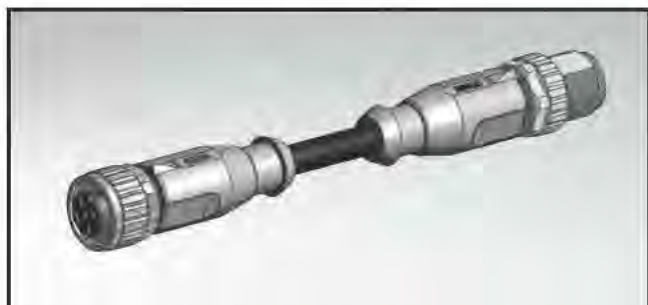
| Cable                                             | Length/L | Description               | 4-pos Part-no. | Description               | 5-pos Part-no. |
|---------------------------------------------------|----------|---------------------------|----------------|---------------------------|----------------|
| PVC grey<br>LiYY 0,34 mm²                         | 0,3m     | SAL-12-RKW4-RS4-3L-0,3/A1 | 43-10416       | SAL-12-RKW5-RS5-3L-0,3/A1 | 43-10848       |
|                                                   | 0,6m     | SAL-12-RKW4-RS4-3L-0,6/A1 | 43-10417       | SAL-12-RKW5-RS5-3L-0,6/A1 | 43-10849       |
|                                                   | 1,5m     | SAL-12-RKW4-RS4-3L-1,5/A1 | 43-10418       | SAL-12-RKW5-RS5-3L-1,5/A1 | 43-10850       |
|                                                   | 3m       | SAL-12-RKW4-RS4-3L-3/A1   | 43-10419       | SAL-12-RKW5-RS5-3L-3/A1   | 43-10851       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm²  | 0,3m     | SAL-12-RKW4-RS4-3L-0,3/K1 | 43-10840       | SAL-12-RKW5-RS5-3L-0,3/K1 | 43-10860       |
|                                                   | 0,6m     | SAL-12-RKW4-RS4-3L-0,6/K1 | 43-10841       | SAL-12-RKW5-RS5-3L-0,6/K1 | 43-10861       |
|                                                   | 1,5m     | SAL-12-RKW4-RS4-3L-1,5/K1 | 43-10842       | SAL-12-RKW5-RS5-3L-1,5/K1 | 43-10862       |
|                                                   | 3m       | SAL-12-RKW4-RS4-3L-3/K1   | 43-10843       | SAL-12-RKW5-RS5-3L-3/K1   | 43-10863       |
| TPU UL,<br>irradiated orange<br>Li12Y11X 0,34 mm² | 0,3m     | SAL-12-RKW4-RS4-3L-0,3/J1 | 43-10844       | SAL-12-RKW5-RS5-3L-0,3/J1 | 43-10864       |
|                                                   | 0,6m     | SAL-12-RKW4-RS4-3L-0,6/J1 | 43-10845       | SAL-12-RKW5-RS5-3L-0,6/J1 | 43-10865       |
|                                                   | 1,5m     | SAL-12-RKW4-RS4-3L-1,5/J1 | 43-10846       | SAL-12-RKW5-RS5-3L-1,5/J1 | 43-10866       |
|                                                   | 3m       | SAL-12-RKW4-RS4-3L-3/J1   | 43-10847       | SAL-12-RKW5-RS5-3L-3/J1   | 43-10867       |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Connecting cable with 360°-shielding Female connector, axial – Male connector, axial



RoHS compliant – UL Listed, File no.: CYM2.E318363 (K1-cable)

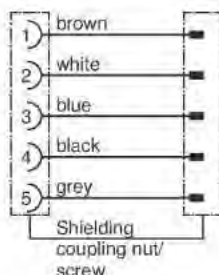
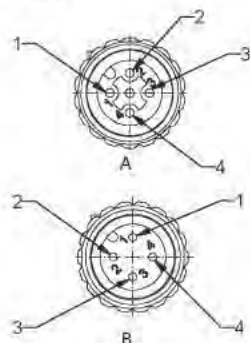
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 4-pos                   | 5-pos |
|                       | 160V                    | 60V   |
| Current rating        | 4A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP67 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

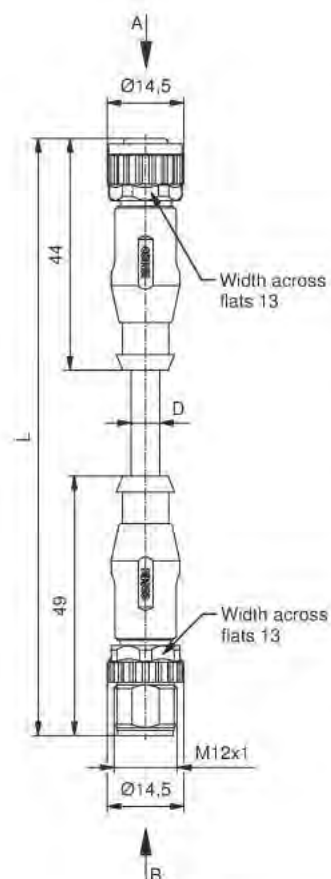
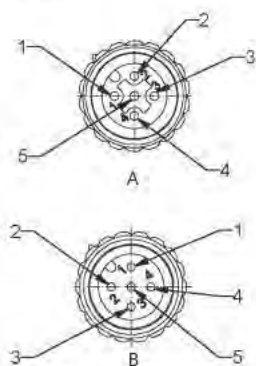
## PRODUCT DRAWING

### Pin Configuration

4-pos



5-pos



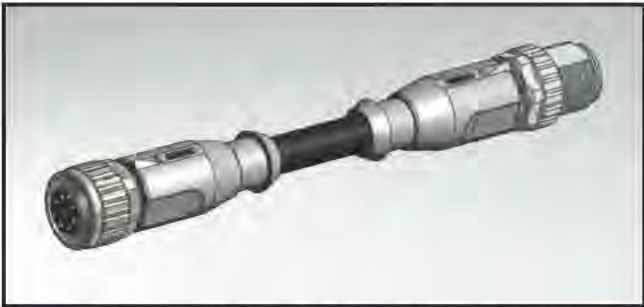
## ORDER DATA

| Cable                                                         | Length/L | Description             | 4-pos Part-no. | Description                 | 5-pos Part-no. |
|---------------------------------------------------------------|----------|-------------------------|----------------|-----------------------------|----------------|
| PVC UL grey<br>LiYFCY 0,25 mm <sup>2</sup>                    | 0,3m     |                         |                | SAL-12S-RK5.1-RS5.1-0,3/ G3 | 43-10824       |
|                                                               | 0,6m     |                         |                | SAL-12S-RK5.1-RS5.1-0,6/ G3 | 43-10825       |
|                                                               | 1,5m     |                         |                | SAL-12S-RK5.1-RS5.1-1,5/ G3 | 43-10826       |
|                                                               | 3m       |                         |                | SAL-12S-RK5.1-RS5.1-3/ G3   | 43-10827       |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm <sup>2</sup> | 0,3m     |                         |                | SAL-12S-RK5.1-RS5.1-0,3/ G2 | 43-10832       |
|                                                               | 0,6m     |                         |                | SAL-12S-RK5.1-RS5.1-0,6/ G2 | 43-10833       |
|                                                               | 1,5m     |                         |                | SAL-12S-RK5.1-RS5.1-1,5/ G2 | 43-10834       |
|                                                               | 3m       |                         |                | SAL-12S-RK5.1-RS5.1-3/ G2   | 43-10835       |
| PVC UL grey<br>LiYFCY 0,324 mm <sup>2</sup>                   | 0,3m     | SAL-12S-RK4-RS4-0,3/ G3 | 43-10812       |                             |                |
|                                                               | 0,6m     | SAL-12S-RK4-RS4-0,6/ G3 | 43-10813       |                             |                |
|                                                               | 1,5m     | SAL-12S-RK4-RS4-1,5/ G3 | 43-10814       |                             |                |
|                                                               | 3m       | SAL-12S-RK4-RS4-3/ G3   | 43-10815       |                             |                |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,34 mm <sup>2</sup> | 0,3m     | SAL-12S-RK4-RS4-0,3/ G2 | 43-10820       |                             |                |
|                                                               | 0,6m     | SAL-12S-RK4-RS4-0,6/ G2 | 43-10821       |                             |                |
|                                                               | 1,5m     | SAL-12S-RK4-RS4-1,5/ G2 | 43-10822       |                             |                |
|                                                               | 3m       | SAL-12S-RK4-RS4-3/ G2   | 43-10823       |                             |                |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Connecting cable with 360°-shielding Female connector, axial – male connector, axial



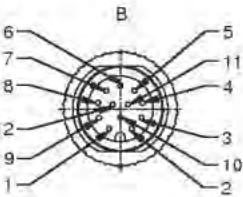
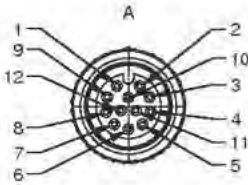
RoHS compliant – UL Listed, File no.: CYM2.E318363 (K1-cable)

| TECHNICAL DATA        |                         |        |
|-----------------------|-------------------------|--------|
| Rated voltage         | 8-pos                   | 12-pos |
|                       | 30V                     | 30V    |
| Current rating        | 2A at +40°C (8-pos)     |        |
|                       | 1,5A at +40°C (12-pos)  |        |
| Pollution degree      | 3 / 2                   |        |
| Insulation resistance | ≥ 100 MΩ                |        |
| Degree of protection  | IP67 in mated condition |        |
| Temperature range     | -30°C to +80°C          |        |
| Mating cycles         | ≥ 100                   |        |

## PRODUCT DRAWING

### Pin Configuration

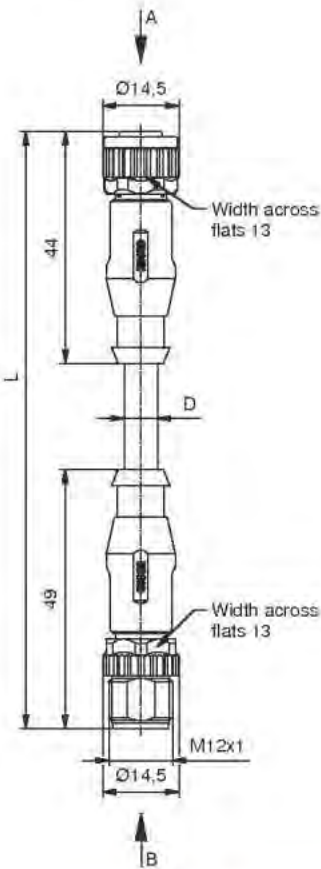
12-pos



### Contact Assignment

|                               |           |
|-------------------------------|-----------|
| 1                             | brown     |
| 2                             | blue      |
| 3                             | white     |
| 4                             | grün      |
| 5                             | pink      |
| 6                             | yellow    |
| 7                             | black     |
| 8                             | grey      |
| 9                             | red       |
| 10                            | violet    |
| 11                            | grey-pink |
| 12                            | red-blue  |
| Shielding coupling nut/ screw |           |

### Dimension



## ORDER DATA

| Cable                                             | Length/L | Description            | 8-pos Part-no. | Description              | 12-pos Part-no. |
|---------------------------------------------------|----------|------------------------|----------------|--------------------------|-----------------|
| PVC UL grey<br>LiYCY 0,14 mm²                     | 0,3m     |                        |                | SAL-12S-RK12-RS12-0,3/G3 | 43-15284        |
|                                                   | 0,6m     |                        |                | SAL-12S-RK12-RS12-0,6/G3 | 43-15285        |
|                                                   | 1,5m     |                        |                | SAL-12S-RK12-RS12-1,5/G3 | 43-15286        |
|                                                   | 3m       |                        |                | SAL-12S-RK12-RS12-3/G3   | 43-15287        |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,14 mm² | 0,3m     |                        |                | SAL-12S-RK12-RS12-0,3/G2 | 43-15288        |
|                                                   | 0,6m     |                        |                | SAL-12S-RK12-RS12-0,6/G2 | 43-15289        |
|                                                   | 1,5m     |                        |                | SAL-12S-RK12-RS12-1,5/G2 | 43-15290        |
|                                                   | 3m       |                        |                | SAL-12S-RK12-RS12-3/G2   | 43-15031        |
| PVC UL grey<br>LiYFCY 0,25 mm²                    | 0,3m     | SAL-12S-RK8-RS8-0,3/G3 | 43-10988       |                          |                 |
|                                                   | 0,6m     | SAL-12S-RK8-RS8-0,6/G3 | 43-10989       |                          |                 |
|                                                   | 1,5m     | SAL-12S-RK8-RS8-1,5/G3 | 43-10990       |                          |                 |
|                                                   | 3m       | SAL-12S-RK8-RS8-3/G3   | 43-10991       |                          |                 |
| TPU UL<br>halogenfree black<br>Li9YFC11Y 0,25 mm² | 0,3m     | SAL-12S-RK8-RS8-0,3/G2 | 43-10992       |                          |                 |
|                                                   | 0,6m     | SAL-12S-RK8-RS8-0,6/G2 | 43-10993       |                          |                 |
|                                                   | 1,5m     | SAL-12S-RK8-RS8-1,5/G2 | 43-10994       |                          |                 |
|                                                   | 3m       | SAL-12S-RK8-RS8-3/G2   | 43-10995       |                          |                 |

# SAL M12x1/M8x1 CONNECTORS

Connecting cable Female connector M12x1, axial – Male connector M8x1, axial



RoHS compliant

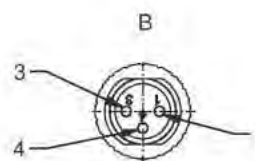
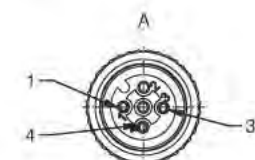
## TECHNICAL DATA

|                       |                            |
|-----------------------|----------------------------|
| Rated voltage         | 3-pos<br>60V               |
| Current rating        | 3A at +40°C                |
| Pollution degree      | 3 / 2                      |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Degree of protection  | IP67 in mated condition    |
| Temperature range     | -30°C to +80°C             |
| Mating cycles         | $\geq 100$                 |

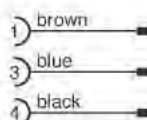
## PRODUCT DRAWING

### Pin Configuration

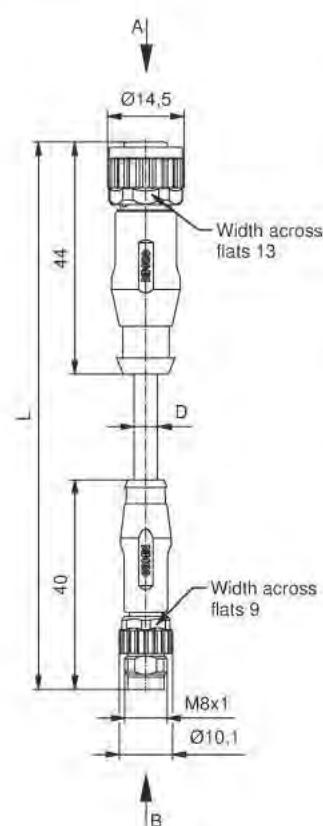
3-pos



### Contact Assignment



### Dimension



## ORDER DATA

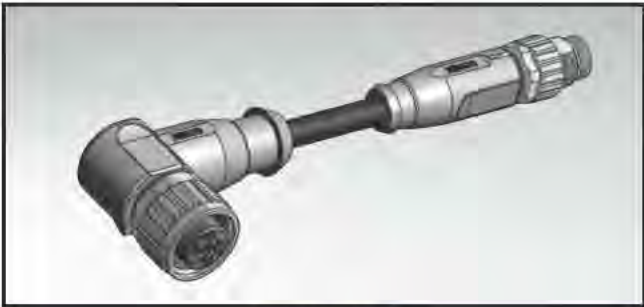
| Cable                                     | Length/L | Description             | 3-pos<br>Part-no. |
|-------------------------------------------|----------|-------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm <sup>2</sup>     | 0,3m     | SAL-12-RK3-8-RS3-0,3/A1 | 43-11430          |
|                                           | 0,6m     | SAL-12-RK3-8-RS3-0,6/A1 | 43-11431          |
|                                           | 1,5m     | SAL-12-RK3-8-RS3-1,5/A1 | 43-11432          |
|                                           | 3m       | SAL-12-RK3-8-RS3-3/A1   | 43-11433          |
| TPU black<br>Li9Y11Y 0,25 mm <sup>2</sup> | 0,3m     | SAL-12-RK3-8-RS3-0,3/K1 | 43-11434          |
|                                           | 0,6m     | SAL-12-RK3-8-RS3-0,6/K1 | 43-11435          |
|                                           | 1,5m     | SAL-12-RK3-8-RS3-1,5/K1 | 43-11436          |
|                                           | 3m       | SAL-12-RK3-8-RS3-3/K1   | 43-11437          |

For custom length or quality levels contact factory



# SAL M12x1/M8x1 CONNECTORS

Connecting cable Female connector M12x1, angled – Male connector M8x1, axial



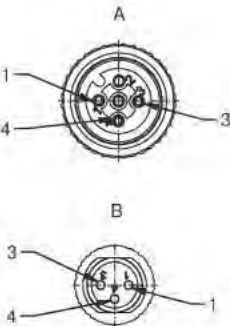
RoHS compliant

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos<br>60V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

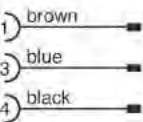
PRODUCT DRAWING

Pin Configuration

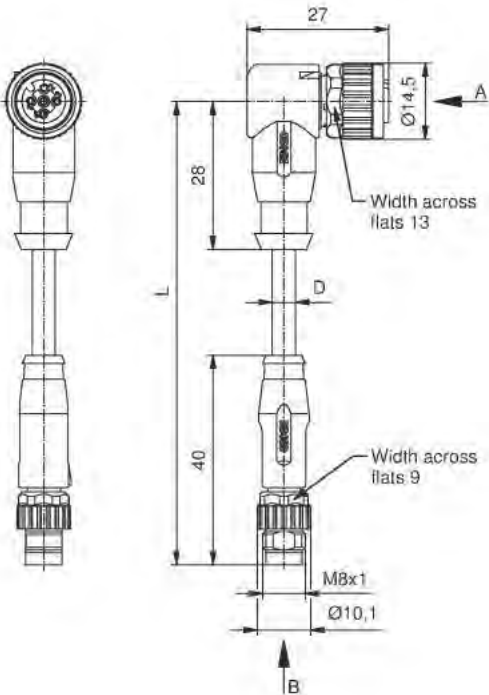
3-pos



Contact Assignment



Dimension



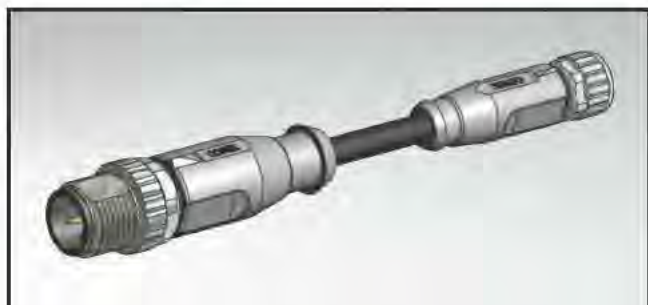
ORDER DATA

| Cable                                            | Length / L | Description                | 3-pos Part-no. |
|--------------------------------------------------|------------|----------------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m       | SAL-12-RKW3-8-RS3-0,3 / A1 | 43-11438       |
|                                                  | 0,6m       | SAL-12-RKW3-8-RS3-0,6 / A1 | 43-11439       |
|                                                  | 1,5m       | SAL-12-RKW3-8-RS3-1,5 / A1 | 43-11440       |
|                                                  | 3m         | SAL-12-RKW3-8-RS3-3 / A1   | 43-11441       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-12-RKW3-8-RS3-0,3 / K1 | 43-11442       |
|                                                  | 0,6m       | SAL-12-RKW3-8-RS3-0,6 / K1 | 43-11443       |
|                                                  | 1,5m       | SAL-12-RKW3-8-RS3-1,5 / K1 | 43-11444       |
|                                                  | 3m         | SAL-12-RKW3-8-RS3-3 / K1   | 43-11445       |

For custom length or quality levels contact factory

# SAL M12x1/M8x1 CONNECTORS

Connecting cable Male connector M12x1, axial – Female connector M8x1, axial



RoHS compliant

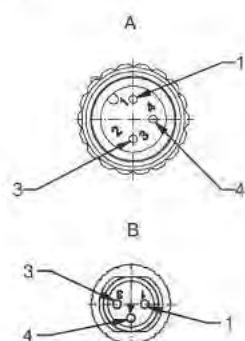
## TECHNICAL DATA

|                       |                            |
|-----------------------|----------------------------|
| Rated voltage         | 3-pos<br>60V               |
| Current rating        | 3A at +40°C                |
| Pollution degree      | 3 / 2                      |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Degree of protection  | IP67 in mated condition    |
| Temperature range     | -30°C to +80°C             |
| Mating cycles         | $\geq 100$                 |

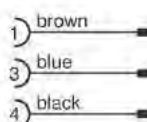
## PRODUCT DRAWING

### Pin Configuration

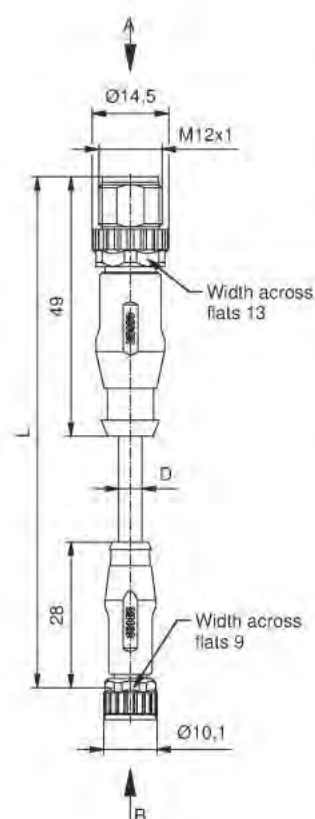
3-pos



### Contact Assignment



### Dimension



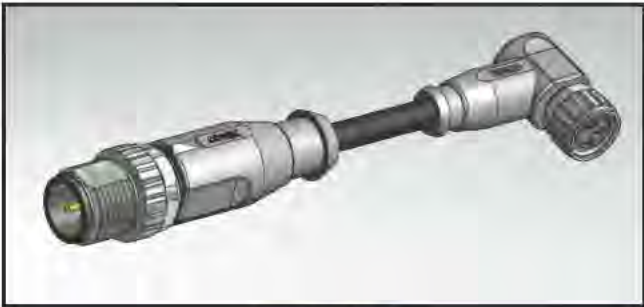
## ORDER DATA

| Cable                                                        | Length/L | Description             | 3-pos<br>Part-no. |
|--------------------------------------------------------------|----------|-------------------------|-------------------|
| PVC grey<br>LiYY 0,25 mm <sup>2</sup>                        | 0,3m     | SAL-12-RS3-8-RK3-0,3/A1 | 43-11446          |
|                                                              | 0,6m     | SAL-12-RS3-8-RK3-0,6/A1 | 43-11447          |
|                                                              | 1,5m     | SAL-12-RS3-8-RK3-1,5/A1 | 43-11448          |
|                                                              | 3m       | SAL-12-RS3-8-RK3-3/A1   | 43-11449          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm <sup>2</sup> | 0,3m     | SAL-12-RS3-8-RK3-0,3/K1 | 43-11450          |
|                                                              | 0,6m     | SAL-12-RS3-8-RK3-0,6/K1 | 43-11451          |
|                                                              | 1,5m     | SAL-12-RS3-8-RK3-1,5/K1 | 43-11452          |
|                                                              | 3m       | SAL-12-RS3-8-RK3-3/K1   | 43-11453          |

For custom length or quality levels contact factory

# SAL M12x1/M8x1 CONNECTORS

Connecting cable Male connector M12x1, axial – Female connector M8x1, angled



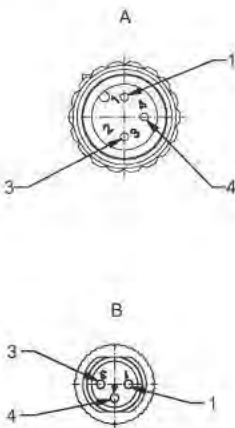
RoHS compliant

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos<br>60V            |
| Current rating        | 3A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

## PRODUCT DRAWING

### Pin Configuration

3-pos

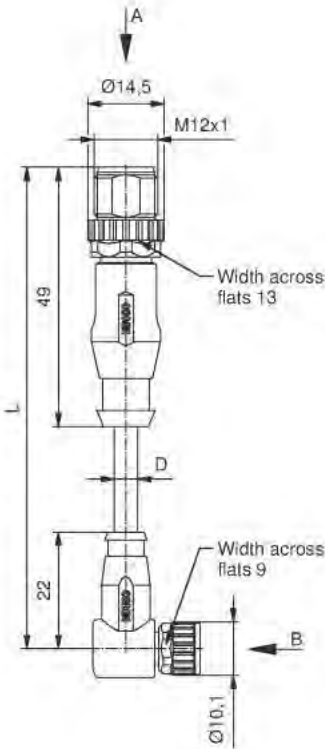


### Contact Assignment

- 1 brown
- 3 blue
- 4 black



### Dimension



## ORDER DATA

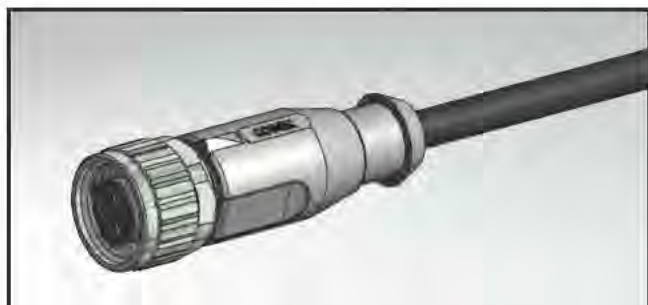
| Cable                                            | Length / L | Description                | 3-pos Part-no. |
|--------------------------------------------------|------------|----------------------------|----------------|
| PVC grey<br>LiYY 0,25 mm²                        | 0,3m       | SAL-12-RS3-8-RKW3-0,3 / A1 | 43-11454       |
|                                                  | 0,6m       | SAL-12-RS3-8-RKW3-0,6 / A1 | 43-11455       |
|                                                  | 1,5m       | SAL-12-RS3-8-RKW3-1,5 / A1 | 43-11456       |
|                                                  | 3m         | SAL-12-RS3-8-RKW3-3 / A1   | 43-11457       |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,25 mm² | 0,3m       | SAL-12-RS3-8-RKW3-0,3 / K1 | 43-11458       |
|                                                  | 0,6m       | SAL-12-RS3-8-RKW3-0,6 / K1 | 43-11459       |
|                                                  | 1,5m       | SAL-12-RS3-8-RKW3-1,5 / K1 | 43-11460       |
|                                                  | 3m         | SAL-12-RS3-8-RKW3-3 / K1   | 43-11461       |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Female connector, axial, C-coding



RoHS compliant

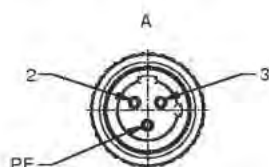
## TECHNICAL DATA

|                       |                         |              |
|-----------------------|-------------------------|--------------|
| Rated voltage         | 2-pos+ground            | 3-pos+ground |
|                       | 250V                    | 250V         |
| Current rating        | 4A at +40°C             |              |
| Pollution degree      | 3 / 2                   |              |
| Insulation resistance | >= 100 MΩ               |              |
| Degree of protection  | IP67 in mated condition |              |
| Temperature range     | -30°C to +80°C          |              |
| Mating cycles         | >= 100                  |              |

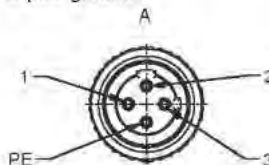
## PRODUCT DRAWING

### Pin Configuration

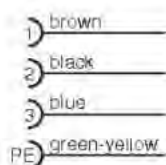
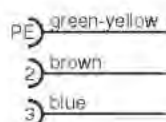
2-pos+ground



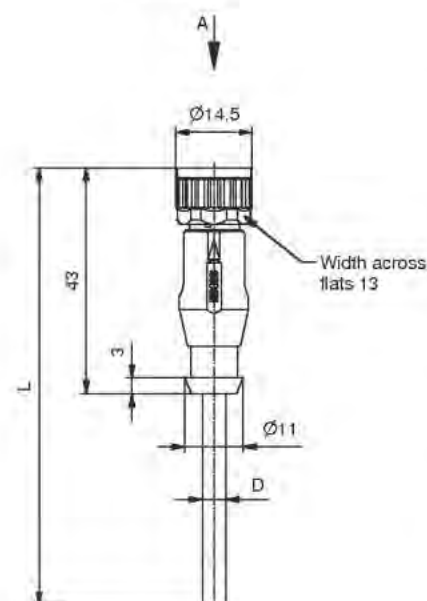
3-pos+ground



### Contact Assignment



### Dimension



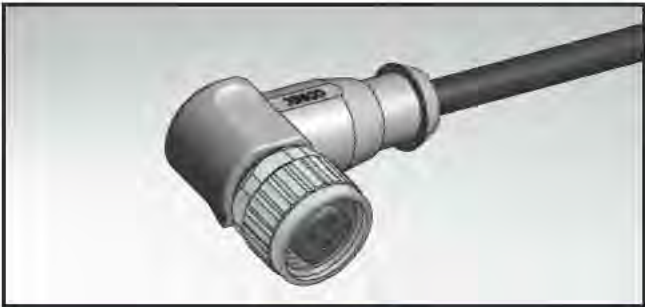
## ORDER DATA

| Cable                                            | Length/L | Description         | 2-pos+ground<br>Part-no. | Description         | 3-pos+ground<br>Part-no. |
|--------------------------------------------------|----------|---------------------|--------------------------|---------------------|--------------------------|
| PVC grey<br>LiYY 0,34 mm²                        | 2m       | SAL-12C-RK2PE-2/A1  | 43-15297                 | SAL-12C-RK3PE-2/A1  | 43-15305                 |
|                                                  | 3m       | SAL-12C-RK2PE-3/A1  | 43-15298                 | SAL-12C-RK3PE-3/A1  | 43-15306                 |
|                                                  | 5m       | SAL-12C-RK2PE-5/A1  | 43-15299                 | SAL-12C-RK3PE-5/A1  | 43-15307                 |
|                                                  | 10m      | SAL-12C-RK2PE-10/A1 | 43-15300                 | SAL-12C-RK3PE-10/A1 | 43-15308                 |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm² | 2m       | SAL-12C-RK2PE-2/K1  | 43-15301                 | SAL-12C-RK3PE-2/K1  | 43-15309                 |
|                                                  | 3m       | SAL-12C-RK2PE-3/K1  | 43-15302                 | SAL-12C-RK3PE-3/K1  | 43-15310                 |
|                                                  | 5m       | SAL-12C-RK2PE-5/K1  | 43-15303                 | SAL-12C-RK3PE-5/K1  | 43-15311                 |
|                                                  | 10m      | SAL-12C-RK2PE-10/K1 | 43-15304                 | SAL-12C-RK3PE-10/K1 | 43-15312                 |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Female connector, angled, C-coding



RoHS compliant

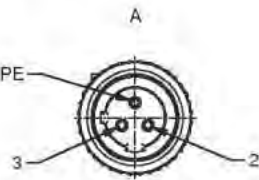
### TECHNICAL DATA

|                       |                         |              |
|-----------------------|-------------------------|--------------|
| Rated voltage         | 2-pos+ground            | 3-pos+ground |
|                       | 250V                    | 250V         |
| Current rating        | 4A at +40°C             |              |
| Pollution degree      | 3 / 2                   |              |
| Insulation resistance | >= 100 MΩ               |              |
| Degree of protection  | IP67 in mated condition |              |
| Temperature range     | -30°C to +80°C          |              |
| Mating cycles         | >=100                   |              |

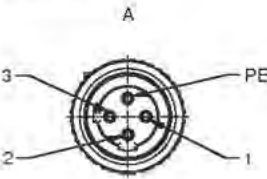
### PRODUCT DRAWING

#### Pin Configuration

2-pos+ground



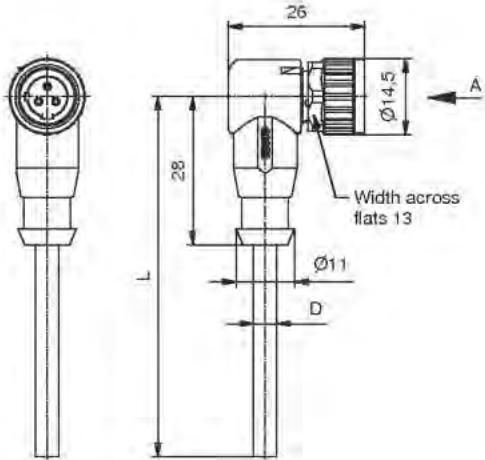
3-pos+ground



#### Contact Assignment



#### Dimension



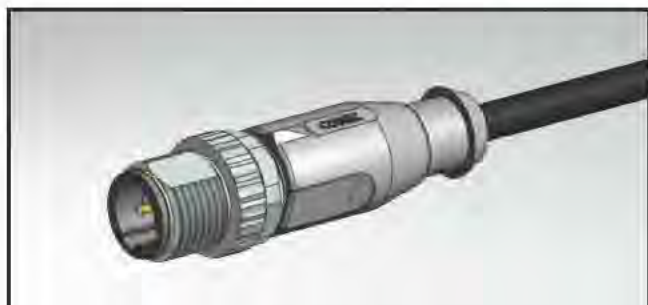
### ORDER DATA

| Cable                                            | Length/L | Description            | 2-pos+ground Part-no. | Description            | 3-pos+ground Part-no. |
|--------------------------------------------------|----------|------------------------|-----------------------|------------------------|-----------------------|
| PVC grey<br>LiYY 0,34 mm²                        | 2m       | SAL-12C-RKW2PE-2 / A1  | 43-15313              | SAL-12C-RKW3PE-2 / A1  | 43-15321              |
|                                                  | 3m       | SAL-12C-RKW2PE-3 / A1  | 43-15314              | SAL-12C-RKW3PE-3 / A1  | 43-15322              |
|                                                  | 5m       | SAL-12C-RKW2PE-5 / A1  | 43-15315              | SAL-12C-RKW3PE-5 / A1  | 43-15323              |
|                                                  | 10m      | SAL-12C-RKW2PE-10 / A1 | 43-15316              | SAL-12C-RKW3PE-10 / A1 | 43-15324              |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm² | 2m       | SAL-12C-RKW2PE-2 / K1  | 43-15317              | SAL-12C-RKW3PE-2 / K1  | 43-15325              |
|                                                  | 3m       | SAL-12C-RKW2PE-3 / K1  | 43-15318              | SAL-12C-RKW3PE-3 / K1  | 43-15326              |
|                                                  | 5m       | SAL-12C-RKW2PE-5 / K1  | 43-15319              | SAL-12C-RKW3PE-5 / K1  | 43-15327              |
|                                                  | 10m      | SAL-12C-RKW2PE-10 / K1 | 43-15320              | SAL-12C-RKW3PE-10 / K1 | 43-15328              |

For custom length or quality levels contact factory

# SAL M12x1 CONNECTORS

Male connector, axial, C-coding



RoHS compliant

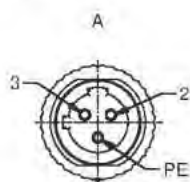
## TECHNICAL DATA

|                       |                            |
|-----------------------|----------------------------|
| Rated voltage         | 2-pos+ground<br>250V       |
| Current rating        | 4A at +40°C                |
| Pollution degree      | 3 / 2                      |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Degree of protection  | IP67 in mated condition    |
| Temperature range     | -30°C to +80°C             |
| Mating cycles         | $\geq 100$                 |

## PRODUCT DRAWING

### Pin Configuration

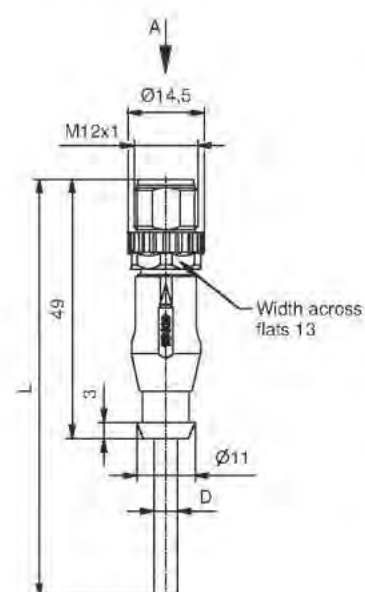
2-pos+ground



### Contact Assignment

|    |              |
|----|--------------|
| PE | green-yellow |
| 2  | brown        |
| 3  | blue         |

### Dimension



## ORDER DATA

| Cable                                                        | Length/L | Description         | 2-pos+ground<br>Part-no. |
|--------------------------------------------------------------|----------|---------------------|--------------------------|
| PVC grey<br>LiYY 0,34 mm <sup>2</sup>                        | 2m       | SAL-12C-RS2PE-2/A1  | 43-15261                 |
|                                                              | 3m       | SAL-12C-RS2PE-3/A1  | 43-15262                 |
|                                                              | 5m       | SAL-12C-RS2PE-5/A1  | 43-15263                 |
|                                                              | 10m      | SAL-12C-RS2PE-10/A1 | 43-15264                 |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,34 mm <sup>2</sup> | 2m       | SAL-12C-RS2PE-2/K1  | 43-15265                 |
|                                                              | 3m       | SAL-12C-RS2PE-3/K1  | 43-15266                 |
|                                                              | 5m       | SAL-12C-RS2PE-5/K1  | 43-15267                 |
|                                                              | 10m      | SAL-12C-RS2PE-10/K1 | 43-15268                 |

For custom length or quality levels contact factory



# SAL M12x1 CONNECTORS

Male connector, angled, C-coding



RoHS compliant

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 2-pos+ground<br>250V    |
| Current rating        | 4A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

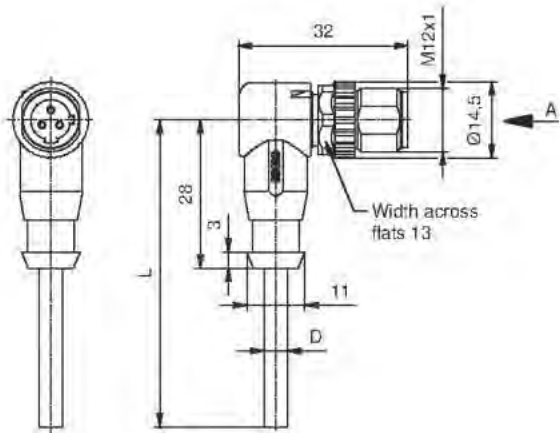
2-pos+ground

Contact Assignment

Dimension



- PE green-yellow
- 2 brown
- 3 blue



ORDER DATA

| Cable                                           | Length / L | Description                    | 2-pos+ground Part-no. |
|-------------------------------------------------|------------|--------------------------------|-----------------------|
| PVC grey<br>LiYY 0,34 mm²                       | 2m         | SAL-12C RWS2PE-2 / A1 / A1090  | 43-15269              |
|                                                 | 3m         | SAL-12C RWS2PE-3 / A1 / A1090  | 43-15270              |
|                                                 | 5m         | SAL-12C RWS2PE-5 / A1 / A1090  | 43-15271              |
|                                                 | 10m        | SAL-12C RWS2PE-10 / A1 / A1090 | 43-15272              |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,34 mm² | 2m         | SAL-12C RWS2PE-2 / K1 / A1090  | 43-15273              |
|                                                 | 3m         | SAL-12C RWS2PE-3 / K1 / A1090  | 43-15274              |
|                                                 | 5m         | SAL-12C RWS2PE-5 / K1 / A1090  | 43-15275              |
|                                                 | 10m        | SAL-12C RWS2PE-10 / K1 / A1090 | 43-15276              |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Female connector, axial



RoHS compliant – UL Listed, File no.: E331608

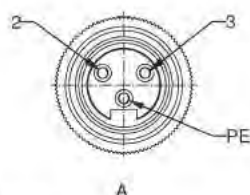
## TECHNICAL DATA

|                       |                         |               |                      |
|-----------------------|-------------------------|---------------|----------------------|
| Rated voltage         | 2-pos+ground<br>300V    | 4-pos<br>300V | 4-pos+ground<br>300V |
| Current rating        | 8A at +40°C             |               |                      |
| Pollution degree      | 3 / 2                   |               |                      |
| Insulation resistance | >= 100 MΩ               |               |                      |
| Degree of protection  | IP68 in mated condition |               |                      |
| Temperature range     | -30°C to +80°C          |               |                      |
| Mating cycles         | >= 100                  |               |                      |

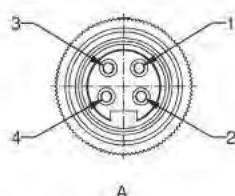
## PRODUCT DRAWING

### Pin Configuration

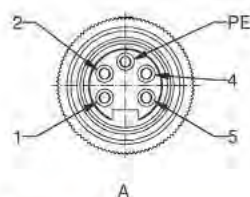
2-pos+ground



4-pos



4-pos+ground



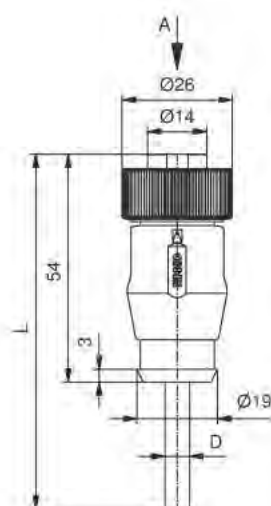
### Contact Assignment

PE green-yellow  
2 brown  
3 blue

1 brown  
2 white  
3 blue  
4 black

1 black  
2 blue  
PE green-yellow  
4 brown  
5 white

### Dimension



## ORDER DATA

| Cable                                                          | Length/L | Description         | 2-pos+ground<br>Part-no. | Description       | 4-pos<br>Part-no. | Description         | 4-pos+ground<br>Part-no. |
|----------------------------------------------------------------|----------|---------------------|--------------------------|-------------------|-------------------|---------------------|--------------------------|
| PVC UL grey<br>LiYY 0,75 mm²                                   | 2m       | SAL-7/8-RK2PE-2/A6  | 41-01000                 | SAL-7/8-RK4-2/A3  | 41-01032          | SAL-7/8-RK4PE-2/A3  | 41-01064                 |
|                                                                | 3m       | SAL-7/8-RK2PE-3/A6  | 41-01001                 | SAL-7/8-RK4-3/A3  | 41-01033          | SAL-7/8-RK4PE-3/A3  | 41-01065                 |
|                                                                | 5m       | SAL-7/8-RK2PE-5/A6  | 41-01002                 | SAL-7/8-RK4-5/A3  | 41-01034          | SAL-7/8-RK4PE-5/A3  | 41-01066                 |
|                                                                | 10m      | SAL-7/8-RK2PE-10/A6 | 41-01003                 | SAL-7/8-RK4-10/A3 | 41-01035          | SAL-7/8-RK4PE-10/A3 | 41-01067                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 0,75 mm² | 2m       | SAL-7/8-RK2PE-2/K0  | 41-01004                 |                   |                   |                     |                          |
|                                                                | 3m       | SAL-7/8-RK2PE-3/K0  | 41-01005                 |                   |                   |                     |                          |
|                                                                | 5m       | SAL-7/8-RK2PE-5/K0  | 41-01006                 |                   |                   |                     |                          |
|                                                                | 10m      | SAL-7/8-RK2PE-10/K0 | 41-01007                 |                   |                   |                     |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,75 mm²               | 2m       |                     |                          | SAL-7/8-RK4-2/K1  | 41-01036          | SAL-7/8-RK4PE-2/K1  | 41-01068                 |
|                                                                | 3m       |                     |                          | SAL-7/8-RK4-3/K1  | 41-01037          | SAL-7/8-RK4PE-3/K1  | 41-01069                 |
|                                                                | 5m       |                     |                          | SAL-7/8-RK4-5/K1  | 41-01038          | SAL-7/8-RK4PE-5/K1  | 41-01070                 |
|                                                                | 10m      |                     |                          | SAL-7/8-RK4-10/K1 | 41-01039          | SAL-7/8-RK4PE-10/K1 | 41-01071                 |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Female connector, axial



RoHS compliant – UL Listed, File no.: E331608

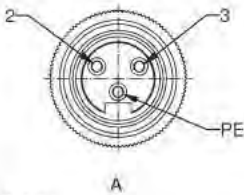
TECHNICAL DATA

|                       |                         |       |              |
|-----------------------|-------------------------|-------|--------------|
| Rated voltage         | 2-pos+ground            | 4-pos | 4-pos+ground |
|                       | 300V                    | 300V  | 300V         |
| Current rating        | 10A at +40°C            |       |              |
| Pollution degree      | 3 / 2                   |       |              |
| Insulation resistance | >= 100 MΩ               |       |              |
| Degree of protection  | IP68 in mated condition |       |              |
| Temperature range     | -30°C to +80°C          |       |              |
| Mating cycles         | >=100                   |       |              |

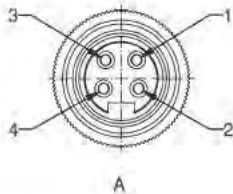
PRODUCT DRAWING

Pin Configuration

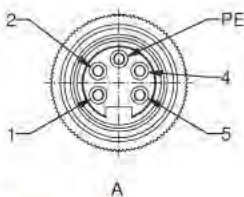
2-pos+ground



4-pos



4-pos+ground



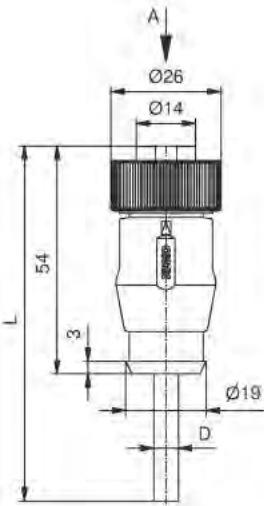
Contact Assignment

- PE green-yellow
- 2 brown
- 3 blue

- 1 brown
- 2 white
- 3 blue
- 4 black

- 1 black
- 2 blue
- PE green-yellow
- 4 brown
- 5 white

Dimension



ORDER DATA

| Cable                                                         | Length/L | Description            | 2-pos+ground<br>Part-no. | Description          | 4-pos<br>Part-no. | Description            | 4-pos+ground<br>Part-no. |
|---------------------------------------------------------------|----------|------------------------|--------------------------|----------------------|-------------------|------------------------|--------------------------|
| PVC UL grey<br>LiYY 1,5 mm²                                   | 2m       | SAL7/8-RK2PE-2/A6/150  | 41-01097                 | SAL7/8-RK4-2/A3/150  | 41-01129          | SAL7/8-RK4PE-2/A3/150  | 41-01161                 |
|                                                               | 3m       | SAL7/8-RK2PE-3/A6/150  | 41-01098                 | SAL7/8-RK4-3/A3/150  | 41-01130          | SAL7/8-RK4PE-3/A3/150  | 41-01162                 |
|                                                               | 5m       | SAL7/8-RK2PE-5/A6/150  | 41-01099                 | SAL7/8-RK4-5/A3/150  | 41-01131          | SAL7/8-RK4PE-5/A3/150  | 41-01163                 |
|                                                               | 10m      | SAL7/8-RK2PE-10/A6/150 | 41-01100                 | SAL7/8-RK4-10/A3/150 | 41-01132          | SAL7/8-RK4PE-10/A3/150 | 41-01164                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 1,5 mm² | 2m       | SAL7/8-RK2PE-2/K0/150  | 41-01101                 |                      |                   |                        |                          |
|                                                               | 3m       | SAL7/8-RK2PE-3/K0/150  | 41-01102                 |                      |                   |                        |                          |
|                                                               | 5m       | SAL7/8-RK2PE-5/K0/150  | 41-01103                 |                      |                   |                        |                          |
|                                                               | 10m      | SAL7/8-RK2PE-10/K0/150 | 41-01104                 |                      |                   |                        |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 1,5 mm²               | 2m       |                        |                          | SAL7/8-RK4-2/K1/150  | 41-01133          | SAL7/8-RK4PE-2/K1/150  | 41-01165                 |
|                                                               | 3m       |                        |                          | SAL7/8-RK4-3/K1/150  | 41-01134          | SAL7/8-RK4PE-3/K1/150  | 41-01166                 |
|                                                               | 5m       |                        |                          | SAL7/8-RK4-5/K1/150  | 41-01135          | SAL7/8-RK4PE-5/K1/150  | 41-01167                 |
|                                                               | 10m      |                        |                          | SAL7/8-RK4-10/K1/150 | 41-01136          | SAL7/8-RK4PE-10/K1/150 | 41-01168                 |

For custom length or quality levels contact factory



# SAL 7/8" CONNECTORS

Male connector, axial



RoHS compliant – UL Listed, File no.: E331608

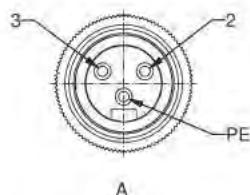
## TECHNICAL DATA

|                       |                         |               |                      |
|-----------------------|-------------------------|---------------|----------------------|
| Rated voltage         | 2-pos+ground<br>300V    | 4-pos<br>300V | 4-pos+ground<br>300V |
| Current rating        | 8A at +40°C             |               |                      |
| Pollution degree      | 3 / 2                   |               |                      |
| Insulation resistance | >= 100 MΩ               |               |                      |
| Degree of protection  | IP68 in mated condition |               |                      |
| Temperature range     | -30°C to +80°C          |               |                      |
| Mating cycles         | >= 100                  |               |                      |

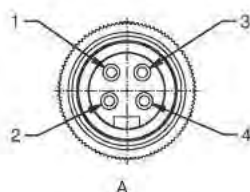
## PRODUCT DRAWING

### Pin Configuration

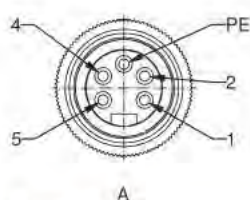
2-pos+ground



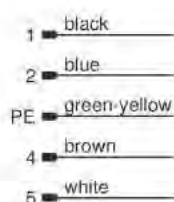
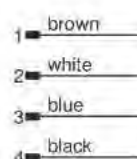
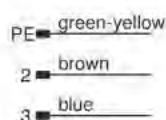
4-pos



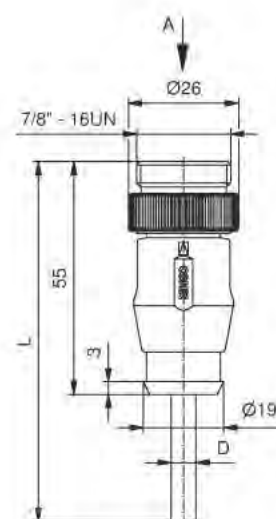
4-pos+ground



### Contact Assignment



### Dimension



## ORDER DATA

| Cable                                                          | Length / L | Description             | 2-pos+ground<br>Part-no. | Description           | 4-pos<br>Part-no. | Description             | 4-pos+ground<br>Part-no. |
|----------------------------------------------------------------|------------|-------------------------|--------------------------|-----------------------|-------------------|-------------------------|--------------------------|
| PVC UL grey<br>LiYY 0,75 mm²                                   | 2m         | SAL-7 / 8-RS2PE-2 / A6  | 41-01008                 | SAL-7 / 8-RS4-2 / A3  | 41-01040          | SAL-7 / 8-RS4PE-2 / A3  | 41-01072                 |
|                                                                | 3m         | SAL-7 / 8-RS2PE-3 / A6  | 41-01009                 | SAL-7 / 8-RS4-3 / A3  | 41-01041          | SAL-7 / 8-RS4PE-3 / A3  | 41-01073                 |
|                                                                | 5m         | SAL-7 / 8-RS2PE-5 / A6  | 41-01010                 | SAL-7 / 8-RS4-5 / A3  | 41-01042          | SAL-7 / 8-RS4PE-5 / A3  | 41-01074                 |
|                                                                | 10m        | SAL-7 / 8-RS2PE-10 / A6 | 41-01011                 | SAL-7 / 8-RS4-10 / A3 | 41-01043          | SAL-7 / 8-RS4PE-10 / A3 | 41-01075                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 0,75 mm² | 2m         | SAL-7 / 8-RS2PE-2 / K0  | 41-01012                 |                       |                   |                         |                          |
|                                                                | 3m         | SAL-7 / 8-RS2PE-3 / K0  | 41-01013                 |                       |                   |                         |                          |
|                                                                | 5m         | SAL-7 / 8-RS2PE-5 / K0  | 41-01014                 |                       |                   |                         |                          |
|                                                                | 10m        | SAL-7 / 8-RS2PE-10 / K0 | 41-01015                 |                       |                   |                         |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,75 mm²               | 2m         |                         |                          | SAL-7 / 8-RS4-2 / K1  | 41-01044          | SAL-7 / 8-RS4PE-2 / K1  | 41-01076                 |
|                                                                | 3m         |                         |                          | SAL-7 / 8-RS4-3 / K1  | 41-01045          | SAL-7 / 8-RS4PE-3 / K1  | 41-01077                 |
|                                                                | 5m         |                         |                          | SAL-7 / 8-RS4-5 / K1  | 41-01046          | SAL-7 / 8-RS4PE-5 / K1  | 41-01078                 |
|                                                                | 10m        |                         |                          | SAL-7 / 8-RS4-10 / K1 | 41-01047          | SAL-7 / 8-RS4PE-10 / K1 | 41-01079                 |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Male connector, axial



RoHS compliant – UL Listed, File no.: E331608

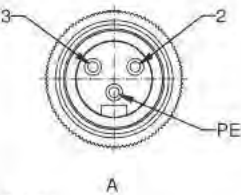
TECHNICAL DATA

|                       |                         |       |              |
|-----------------------|-------------------------|-------|--------------|
| Rated voltage         | 2-pos+ground            | 4-pos | 4-pos+ground |
|                       | 300V                    | 300V  | 300V         |
| Current rating        | 10A at +40°C            |       |              |
| Pollution degree      | 3 / 2                   |       |              |
| Insulation resistance | >= 100 MΩ               |       |              |
| Degree of protection  | IP68 in mated condition |       |              |
| Temperature range     | -30°C to +80°C          |       |              |
| Mating cycles         | >=100                   |       |              |

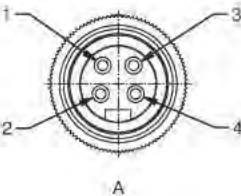
PRODUCT DRAWING

Pin Configuration

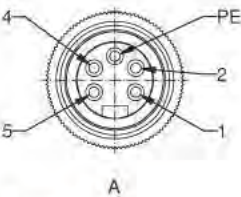
2-pos+ground



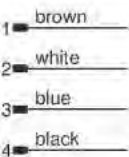
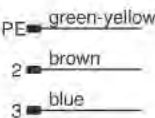
4-pos



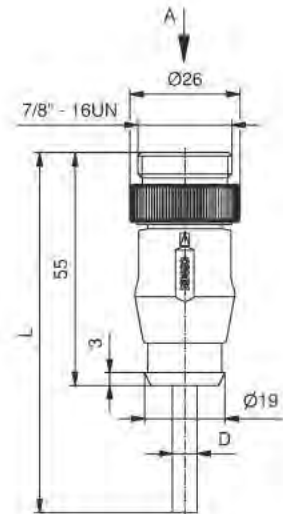
4-pos+ground



Contact Assignment



Dimension



ORDER DATA

| Cable                                                         | Length/L | Description             | 2-pos+ground<br>Part-no. | Description           | 4-pos<br>Part-no. | Description             | 4-pos+ground<br>Part-no. |
|---------------------------------------------------------------|----------|-------------------------|--------------------------|-----------------------|-------------------|-------------------------|--------------------------|
| PVC UL grey<br>LiYY 1,5 mm²                                   | 2m       | SAL-7/8-RS2PE-2/A6/150  | 41-01105                 | SAL-7/8-RS4-2/A3/150  | 41-01137          | SAL-7/8-RS4PE-2/A3/150  | 41-01169                 |
|                                                               | 3m       | SAL-7/8-RS2PE-3/A6/150  | 41-01106                 | SAL-7/8-RS4-3/A3/150  | 41-01138          | SAL-7/8-RS4PE-3/A3/150  | 41-01170                 |
|                                                               | 5m       | SAL-7/8-RS2PE-5/A6/150  | 41-01107                 | SAL-7/8-RS4-5/A3/150  | 41-01139          | SAL-7/8-RS4PE-5/A3/150  | 41-01171                 |
|                                                               | 10m      | SAL-7/8-RS2PE-10/A6/150 | 41-01108                 | SAL-7/8-RS4-10/A3/150 | 41-01140          | SAL-7/8-RS4PE-10/A3/150 | 41-01172                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 1,5 mm² | 2m       | SAL-7/8-RS2PE-2/K0/150  | 41-01109                 |                       |                   |                         |                          |
|                                                               | 3m       | SAL-7/8-RS2PE-3/K0/150  | 41-01110                 |                       |                   |                         |                          |
|                                                               | 5m       | SAL-7/8-RS2PE-5/K0/150  | 41-01111                 |                       |                   |                         |                          |
|                                                               | 10m      | SAL-7/8-RS2PE-10/K0/150 | 41-01112                 |                       |                   |                         |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 1,5 mm²               | 2m       |                         |                          | SAL-7/8-RS4-2/K1/150  | 41-01141          | SAL-7/8-RS4PE-2/K1/150  | 41-01173                 |
|                                                               | 3m       |                         |                          | SAL-7/8-RS4-3/K1/150  | 41-01142          | SAL-7/8-RS4PE-3/K1/150  | 41-01174                 |
|                                                               | 5m       |                         |                          | SAL-7/8-RS4-5/K1/150  | 41-01143          | SAL-7/8-RS4PE-5/K1/150  | 41-01175                 |
|                                                               | 10m      |                         |                          | SAL-7/8-RS4-10/K1/150 | 41-01144          | SAL-7/8-RS4PE-10/K1/150 | 41-01176                 |

For custom length or quality levels contact factory



# SAL 7/8" CONNECTORS

## Female connector, angled



RoHS compliant – UL Listed, File no.: E331608

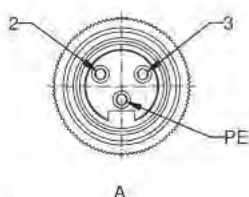
### TECHNICAL DATA

|                       |                         |               |                      |
|-----------------------|-------------------------|---------------|----------------------|
| Rated voltage         | 2-pos+ground<br>300V    | 4-pos<br>300V | 4-pos+ground<br>300V |
| Current rating        | 8A at +40°C             |               |                      |
| Pollution degree      | 3 / 2                   |               |                      |
| Insulation resistance | >= 100 MΩ               |               |                      |
| Degree of protection  | IP68 in mated condition |               |                      |
| Temperature range     | -30°C to +80°C          |               |                      |
| Mating cycles         | >= 100                  |               |                      |

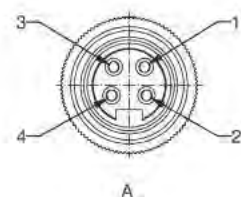
### PRODUCT DRAWING

#### Pin Configuration

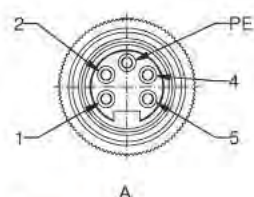
##### 2-pos+ground



##### 4-pos



##### 4-pos+ground

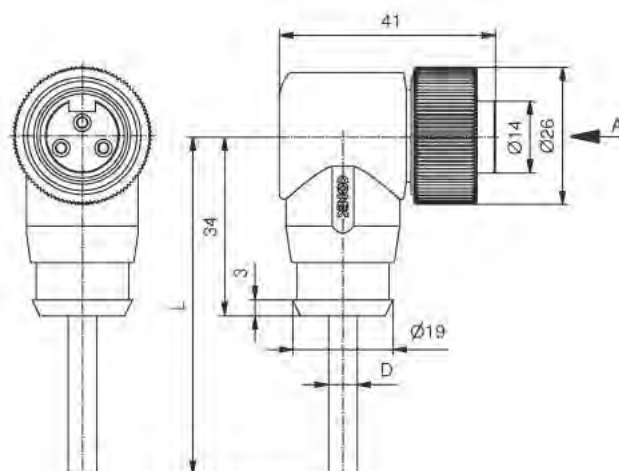


#### Contact Assignment

- PE green-yellow  
2 brown  
3 blue

- 1 brown  
2 white  
3 blue  
4 black

- 1 black  
2 blue  
PE green-yellow  
4 brown  
5 white



### ORDER DATA

| Cable                                                          | Length/L | Description          | 2-pos+ground<br>Part-no. | Description        | 4-pos<br>Part-no. | Description          | 4-pos+ground<br>Part-no. |
|----------------------------------------------------------------|----------|----------------------|--------------------------|--------------------|-------------------|----------------------|--------------------------|
| PVC UL grey<br>LiYY 0,75 mm²                                   | 2m       | SAL-7/8-RKW2PE-2/A6  | 41-01016                 | SAL-7/8-RKW4-2/A3  | 41-01048          | SAL-7/8-RKW4PE-2/A3  | 41-01080                 |
|                                                                | 3m       | SAL-7/8-RKW2PE-3/A6  | 41-01017                 | SAL-7/8-RKW4-3/A3  | 41-01049          | SAL-7/8-RKW4PE-3/A3  | 41-01081                 |
|                                                                | 5m       | SAL-7/8-RKW2PE-5/A6  | 41-01018                 | SAL-7/8-RKW4-5/A3  | 41-01050          | SAL-7/8-RKW4PE-5/A3  | 41-01082                 |
|                                                                | 10m      | SAL-7/8-RKW2PE-10/A6 | 41-01019                 | SAL-7/8-RKW4-10/A3 | 41-01051          | SAL-7/8-RKW4PE-10/A3 | 41-01083                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 0,75 mm² | 2m       | SAL-7/8-RKW2PE-2/K0  | 41-01020                 |                    |                   |                      |                          |
|                                                                | 3m       | SAL-7/8-RKW2PE-3/K0  | 41-01021                 |                    |                   |                      |                          |
|                                                                | 5m       | SAL-7/8-RKW2PE-5/K0  | 41-01022                 |                    |                   |                      |                          |
|                                                                | 10m      | SAL-7/8-RKW2PE-10/K0 | 41-01023                 |                    |                   |                      |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,75 mm²               | 2m       |                      |                          | SAL-7/8-RKW4-2/K1  | 41-01052          | SAL-7/8-RKW4PE-2/K1  | 41-01084                 |
|                                                                | 3m       |                      |                          | SAL-7/8-RKW4-3/K1  | 41-01053          | SAL-7/8-RKW4PE-3/K1  | 41-01085                 |
|                                                                | 5m       |                      |                          | SAL-7/8-RKW4-5/K1  | 41-01054          | SAL-7/8-RKW4PE-5/K1  | 41-01086                 |
|                                                                | 10m      |                      |                          | SAL-7/8-RKW4-10/K1 | 41-01055          | SAL-7/8-RKW4PE-10/K1 | 41-01087                 |

For custom length or quality levels contact factory



# SAL 7/8" CONNECTORS

Female connector, angled



RoHS compliant – UL Listed, File no.: E331608

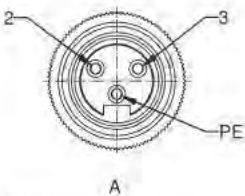
TECHNICAL DATA

|                       |                         |       |              |
|-----------------------|-------------------------|-------|--------------|
| Rated voltage         | 2-pos+ground            | 4-pos | 4-pos+ground |
|                       | 300V                    | 300V  | 300V         |
| Current rating        | 10A at +40°C            |       |              |
| Pollution degree      | 3 / 2                   |       |              |
| Insulation resistance | >= 100 MΩ               |       |              |
| Degree of protection  | IP68 in mated condition |       |              |
| Temperature range     | -30°C to +80°C          |       |              |
| Mating cycles         | >=100                   |       |              |

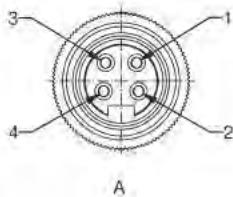
PRODUCT DRAWING

Pin Configuration

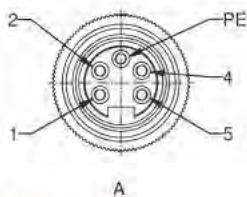
2-pos+ground



4-pos



4-pos+ground



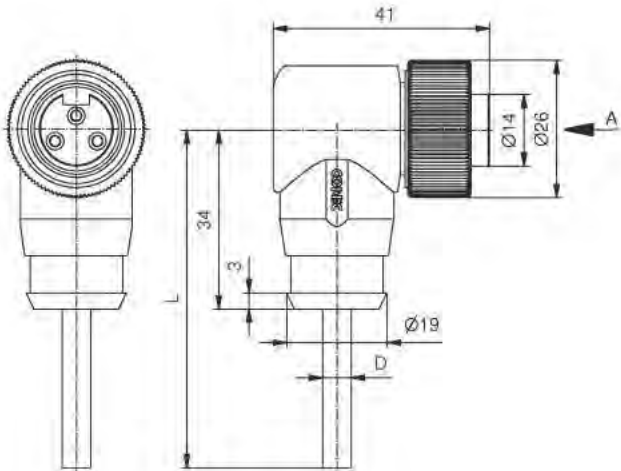
Contact Assignment

- PE green-yellow
- 2 brown
- 3 blue

- 1 brown
- 2 white
- 3 blue
- 4 black

- 1 black
- 2 blue
- PE green-yellow
- 4 brown
- 5 white

Dimension



ORDER DATA

| Cable                                                         | Length/L | Description             | 2-pos+ground<br>Part-no. | Description           | 4-pos<br>Part-no. | Description             | 4-pos+ground<br>Part-no. |
|---------------------------------------------------------------|----------|-------------------------|--------------------------|-----------------------|-------------------|-------------------------|--------------------------|
| PVC UL grey<br>LiYY 1,5 mm²                                   | 2m       | SAL7/8-RKW2PE-2/A6/150  | 41-01113                 | SAL7/8-RKW4-2/A3/150  | 41-01145          | SAL7/8-RKW4PE-2/A3/150  | 41-01177                 |
|                                                               | 3m       | SAL7/8-RKW2PE-3/A6/150  | 41-01114                 | SAL7/8-RKW4-3/A3/150  | 41-01146          | SAL7/8-RKW4PE-3/A3/150  | 41-01178                 |
|                                                               | 5m       | SAL7/8-RKW2PE-5/A6/150  | 41-01115                 | SAL7/8-RKW4-5/A3/150  | 41-01147          | SAL7/8-RKW4PE-5/A3/150  | 41-01179                 |
|                                                               | 10m      | SAL7/8-RKW2PE-10/A6/150 | 41-01116                 | SAL7/8-RKW4-10/A3/150 | 41-01148          | SAL7/8-RKW4PE-10/A3/150 | 41-01180                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 1,5 mm² | 2m       | SAL7/8-RKW2PE-2/K0/150  | 41-01117                 |                       |                   |                         |                          |
|                                                               | 3m       | SAL7/8-RKW2PE-3/K0/150  | 41-01118                 |                       |                   |                         |                          |
|                                                               | 5m       | SAL7/8-RKW2PE-5/K0/150  | 41-01119                 |                       |                   |                         |                          |
|                                                               | 10m      | SAL7/8-RKW2PE-10/K0/150 | 41-01120                 |                       |                   |                         |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 1,5 mm²               | 2m       |                         |                          | SAL7/8-RKW4-2/K1/150  | 41-01149          | SAL7/8-RKW4PE-2/K1/150  | 41-01181                 |
|                                                               | 3m       |                         |                          | SAL7/8-RKW4-3/K1/150  | 41-01150          | SAL7/8-RKW4PE-3/K1/150  | 41-01182                 |
|                                                               | 5m       |                         |                          | SAL7/8-RKW4-5/K1/150  | 41-01151          | SAL7/8-RKW4PE-5/K1/150  | 41-01183                 |
|                                                               | 10m      |                         |                          | SAL7/8-RKW4-10/K1/150 | 41-01152          | SAL7/8-RKW4PE-10/K1/150 | 41-01184                 |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Male connector, angled



RoHS compliant – UL Listed, File no.: E331608

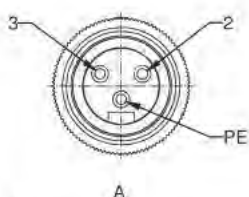
## TECHNICAL DATA

|                       |                         |               |                      |
|-----------------------|-------------------------|---------------|----------------------|
| Rated voltage         | 2-pos+ground<br>300V    | 4-pos<br>300V | 4-pos+ground<br>300V |
| Current rating        | 8A at +40°C             |               |                      |
| Pollution degree      | 3 / 2                   |               |                      |
| Insulation resistance | >= 100 MΩ               |               |                      |
| Degree of protection  | IP68 in mated condition |               |                      |
| Temperature range     | -30°C to +80°C          |               |                      |
| Mating cycles         | >=100                   |               |                      |

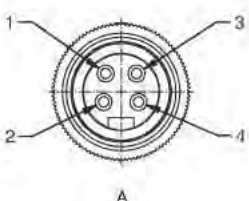
## PRODUCT DRAWING

### Pin Configuration

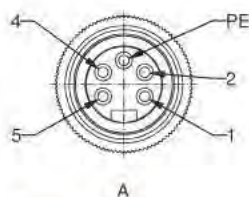
2-pos+ground



4-pos



4-pos+ground



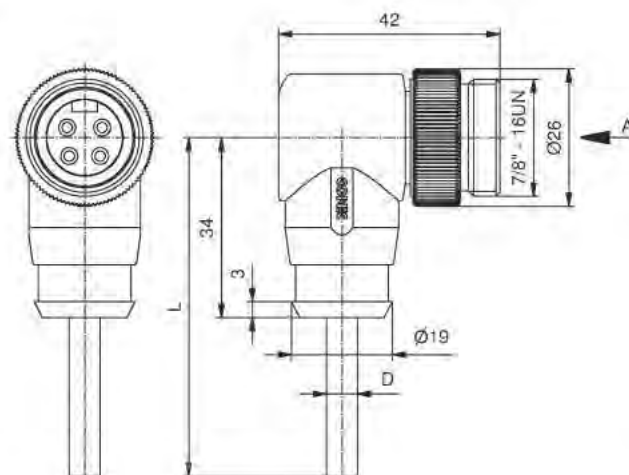
### Contact Assignment

PE green-yellow  
2 brown  
3 blue

1 brown  
2 white  
3 blue  
4 black

1 black  
2 blue  
PE green-yellow  
4 brown  
5 white

### Dimension



## ORDER DATA

| Cable                                                          | Length/L | Description          | 2-pos+ground<br>Part-no. | Description        | 4-pos<br>Part-no. | Description          | 4-pos+ground<br>Part-no. |
|----------------------------------------------------------------|----------|----------------------|--------------------------|--------------------|-------------------|----------------------|--------------------------|
| PVC UL grey<br>LiYY 0,75 mm²                                   | 2m       | SAL-7/8-RSW2PE-2/A6  | 41-01024                 | SAL-7/8-RSW4-2/A3  | 41-01056          | SAL-7/8-RSW4PE-2/A3  | 41-01088                 |
|                                                                | 3m       | SAL-7/8-RSW2PE-3/A6  | 41-01025                 | SAL-7/8-RSW4-3/A3  | 41-01057          | SAL-7/8-RSW4PE-3/A3  | 41-01089                 |
|                                                                | 5m       | SAL-7/8-RSW2PE-5/A6  | 41-01026                 | SAL-7/8-RSW4-5/A3  | 41-01058          | SAL-7/8-RSW4PE-5/A3  | 41-01090                 |
|                                                                | 10m      | SAL-7/8-RSW2PE-10/A6 | 41-01027                 | SAL-7/8-RSW4-10/A3 | 41-01059          | SAL-7/8-RSW4PE-10/A3 | 41-01091                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 0,75 mm² | 2m       | SAL-7/8-RSW2PE-2/K0  | 41-01028                 |                    |                   |                      |                          |
|                                                                | 3m       | SAL-7/8-RSW2PE-3/K0  | 41-01029                 |                    |                   |                      |                          |
|                                                                | 5m       | SAL-7/8-RSW2PE-5/K0  | 41-01030                 |                    |                   |                      |                          |
|                                                                | 10m      | SAL-7/8-RSW2PE-10/K0 | 41-01031                 |                    |                   |                      |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,75 mm²               | 2m       |                      |                          | SAL-7/8-RSW4-2/K1  | 41-01060          | SAL-7/8-RSW4PE-2/K1  | 41-01092                 |
|                                                                | 3m       |                      |                          | SAL-7/8-RSW4-3/K1  | 41-01061          | SAL-7/8-RSW4PE-3/K1  | 41-01093                 |
|                                                                | 5m       |                      |                          | SAL-7/8-RSW4-5/K1  | 41-01062          | SAL-7/8-RSW4PE-5/K1  | 41-01094                 |
|                                                                | 10m      |                      |                          | SAL-7/8-RSW4-10/K1 | 41-01063          | SAL-7/8-RSW4PE-10/K1 | 41-01095                 |

For custom length or quality levels contact factory



# SAL 7/8" CONNECTORS

Male connector, angled



RoHS compliant – UL Listed, File no.: E331608

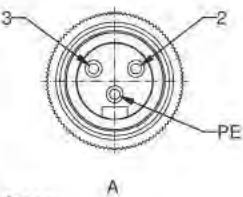
TECHNICAL DATA

|                       |                         |       |              |
|-----------------------|-------------------------|-------|--------------|
| Rated voltage         | 2-pos+ground            | 4-pos | 4-pos+ground |
|                       | 300V                    | 300V  | 300V         |
| Current rating        | 10A at +40°C            |       |              |
| Pollution degree      | 3 / 2                   |       |              |
| Insulation resistance | ≥ 100 MΩ                |       |              |
| Degree of protection  | IP68 in mated condition |       |              |
| Temperature range     | -30°C to +80°C          |       |              |
| Mating cycles         | ≥100                    |       |              |

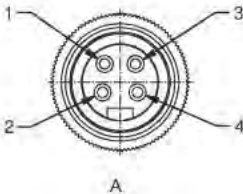
PRODUCT DRAWING

Pin Configuration

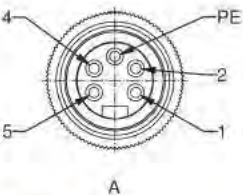
2-pos+ground



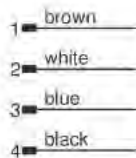
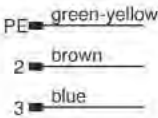
4-pos



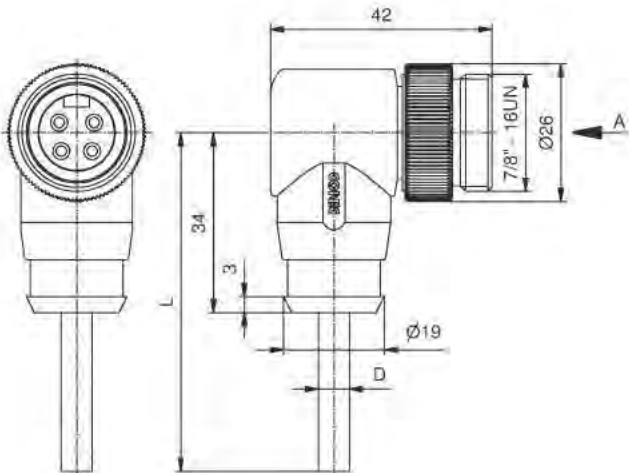
4-pos+ground



Contact Assignment



Dimension



ORDER DATA

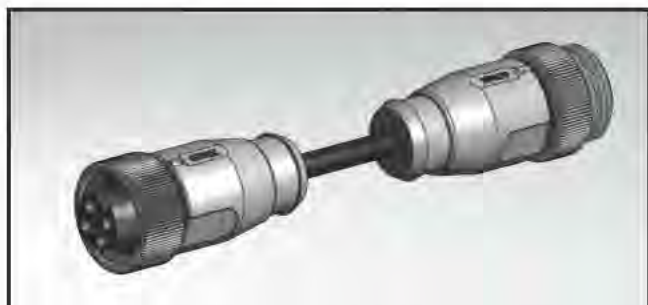
| Cable                                                         | Length/L | Description              | 2-pos+ground<br>Part-no. | Description            | 4-pos<br>Part-no. | Description              | 4-pos+ground<br>Part-no. |
|---------------------------------------------------------------|----------|--------------------------|--------------------------|------------------------|-------------------|--------------------------|--------------------------|
| PVC UL grey<br>LiYY 1,5 mm²                                   | 2m       | SAL-7/8-RSW2PE-2/A6/150  | 41-01121                 | SAL-7/8-RSW4-2/A3/150  | 41-01153          | SAL-7/8-RSW4PE-2/A3/150  | 41-01185                 |
|                                                               | 3m       | SAL-7/8-RSW2PE-3/A6/150  | 41-01122                 | SAL-7/8-RSW4-3/A3/150  | 41-01154          | SAL-7/8-RSW4PE-3/A3/150  | 41-01186                 |
|                                                               | 5m       | SAL-7/8-RSW2PE-5/A6/150  | 41-01123                 | SAL-7/8-RSW4-5/A3/150  | 41-01155          | SAL-7/8-RSW4PE-5/A3/150  | 41-01187                 |
|                                                               | 10m      | SAL-7/8-RSW2PE-10/A6/150 | 41-01124                 | SAL-7/8-RSW4-10/A3/150 | 41-01156          | SAL-7/8-RSW4PE-10/A3/150 | 41-01188                 |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 1,5 mm² | 2m       | SAL-7/8-RSW2PE-2/K0/150  | 41-01125                 |                        |                   |                          |                          |
|                                                               | 3m       | SAL-7/8-RSW2PE-3/K0/150  | 41-01126                 |                        |                   |                          |                          |
|                                                               | 5m       | SAL-7/8-RSW2PE-5/K0/150  | 41-01127                 |                        |                   |                          |                          |
|                                                               | 10m      | SAL-7/8-RSW2PE-10/K0/150 | 41-01128                 |                        |                   |                          |                          |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 1,5 mm²               | 2m       |                          |                          | SAL-7/8-RSW4-2/K1/150  | 41-01157          | SAL-7/8-RSW4PE-2/K1/150  | 41-01189                 |
|                                                               | 3m       |                          |                          | SAL-7/8-RSW4-3/K1/150  | 41-01158          | SAL-7/8-RSW4PE-3/K1/150  | 41-01190                 |
|                                                               | 5m       |                          |                          | SAL-7/8-RSW4-5/K1/150  | 41-01159          | SAL-7/8-RSW4PE-5/K1/150  | 41-01191                 |
|                                                               | 10m      |                          |                          | SAL-7/8-RSW4-10/K1/150 | 41-01160          | SAL-7/8-RSW4PE-10/K1/150 | 41-01192                 |

For custom length or quality levels contact factory



# SAL 7/8" CONNECTORS

Connecting cable Female connector, axial – Male connector, axial



RoHS compliant – UL Listed, File no.: E331608

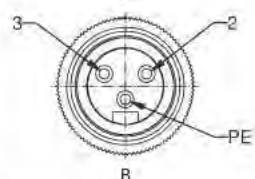
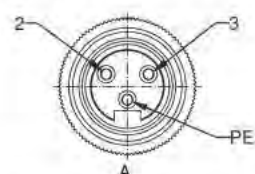
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 2-pos+ground            | 4-pos |
|                       | 300V                    | 300V  |
| Current rating        | 8A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP68 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

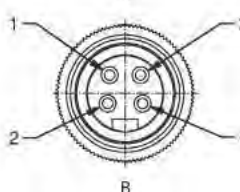
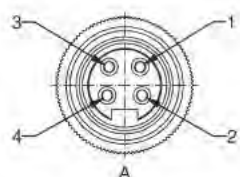
## PRODUCT DRAWING

### Pin Configuration

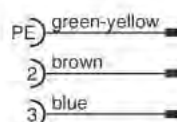
#### 2-pos+ground



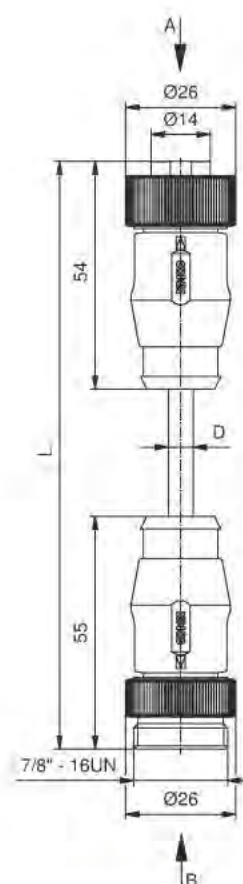
#### 4-pos



### Contact Assignment



### Dimension



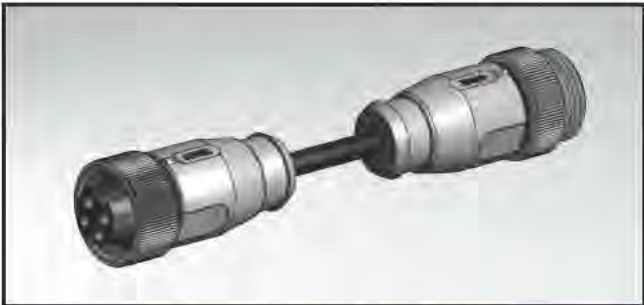
## ORDER DATA

| Cable                                                          | Length/L | Description                    | 2-pos+ground Part-no. | Description                | 4-pos Part-no. |
|----------------------------------------------------------------|----------|--------------------------------|-----------------------|----------------------------|----------------|
| PVC UL grey<br>LiYY 0,75 mm²                                   | 0,6m     | SAL-7 / 8-RK2PE-RS2PE-0,6 / A6 | 41-01193              | SAL-7 / 8-RK4-RS4-0,6 / A3 | 41-01209       |
|                                                                | 1m       | SAL-7 / 8-RK2PE-RS2PE-1 / A6   | 41-01194              | SAL-7 / 8-RK4-RS4-1 / A3   | 41-01210       |
|                                                                | 1,5m     | SAL-7 / 8-RK2PE-RS2PE-1,5 / A6 | 41-01195              | SAL-7 / 8-RK4-RS4-1,5 / A3 | 41-01211       |
|                                                                | 2m       | SAL-7 / 8-RK2PE-RS2PE-2 / A6   | 41-01196              | SAL-7 / 8-RK4-RS4-2 / A3   | 41-01212       |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 0,75 mm² | 0,6m     | SAL-7 / 8-RK2PE-RS2PE-0,6 / K0 | 41-01197              |                            |                |
|                                                                | 1m       | SAL-7 / 8-RK2PE-RS2PE-1 / K0   | 41-01198              |                            |                |
|                                                                | 1,5m     | SAL-7 / 8-RK2PE-RS2PE-1,5 / K0 | 41-01199              |                            |                |
|                                                                | 2m       | SAL-7 / 8-RK2PE-RS2PE-2 / K0   | 41-01200              |                            |                |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,75 mm²               | 0,6m     |                                |                       | SAL-7 / 8-RK4-RS4-0,6 / K1 | 41-01213       |
|                                                                | 1m       |                                |                       | SAL-7 / 8-RK4-RS4-1 / K1   | 41-01214       |
|                                                                | 1,5m     |                                |                       | SAL-7 / 8-RK4-RS4-1,5 / K1 | 41-01215       |
|                                                                | 2m       |                                |                       | SAL-7 / 8-RK4-RS4-2 / K1   | 41-01216       |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Connecting cable Female connector, axial – Male connector, axial



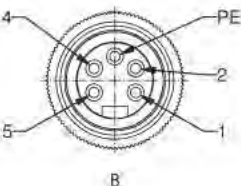
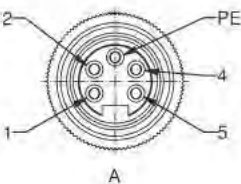
RoHS compliant – UL Listed, File no.: E331608

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 4-pos+ground<br>300V    |
| Current rating        | 8A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP68 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

## PRODUCT DRAWING

### Pin Configuration

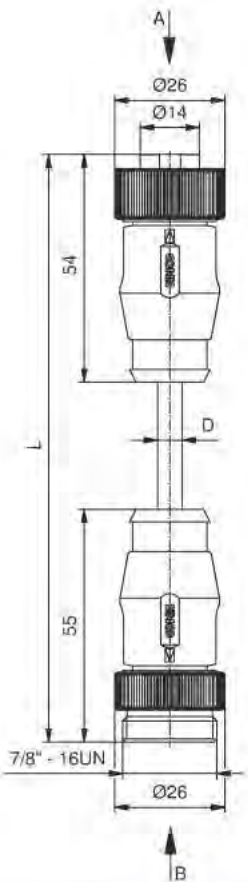
4-pos+ground



### Contact Assignment

- 1) black
- 2) blue
- PE) green-yellow
- 4) brown
- 5) white

### Dimension



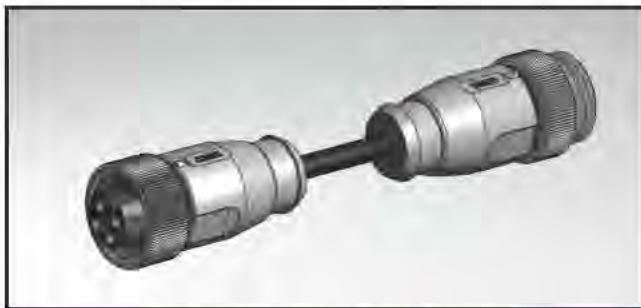
## ORDER DATA

| Cable                                           | Length/L | Description                | 4-pos+ground Part-no. |
|-------------------------------------------------|----------|----------------------------|-----------------------|
| PVC UL grey<br>LiYY 0,75 mm²                    | 0,6m     | SAL-7/8-RK4PE-RS4PE-0,6/A3 | 41-01225              |
|                                                 | 1m       | SAL-7/8-RK4PE-RS4PE-1/A3   | 41-01226              |
|                                                 | 1,5m     | SAL-7/8-RK4PE-RS4PE-1,5/A3 | 41-01227              |
|                                                 | 2m       | SAL-7/8-RK4PE-RS4PE-2/A3   | 41-01228              |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,75 mm² | 0,6m     | SAL-7/8-RK4PE-RS4PE-0,6/K1 | 41-01229              |
|                                                 | 1m       | SAL-7/8-RK4PE-RS4PE-1/K1   | 41-01230              |
|                                                 | 1,5m     | SAL-7/8-RK4PE-RS4PE-1,5/K1 | 41-01231              |
|                                                 | 2m       | SAL-7/8-RK4PE-RS4PE-2/K1   | 41-01232              |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Connecting cable Female connector, axial – Male connector, axial



RoHS compliant – UL Listed, File no.: E331608.

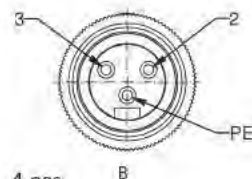
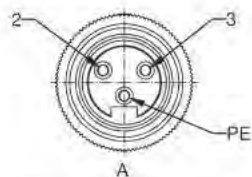
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 2-pos+ground            | 4-pos |
|                       | 300V                    | 300V  |
| Current rating        | 10A at +40°C            |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP68 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

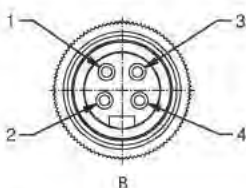
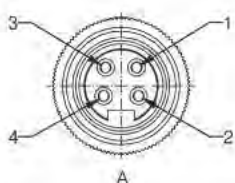
## PRODUCT DRAWING

### Pin Configuration

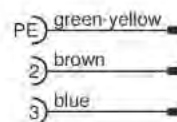
2-pos+ground



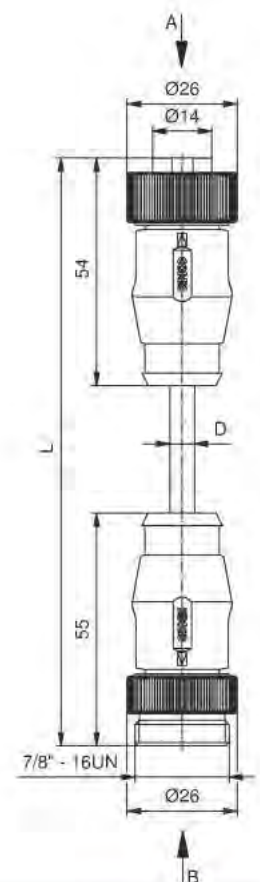
4-pos



### Contact Assignment



### Dimension



## ORDER DATA

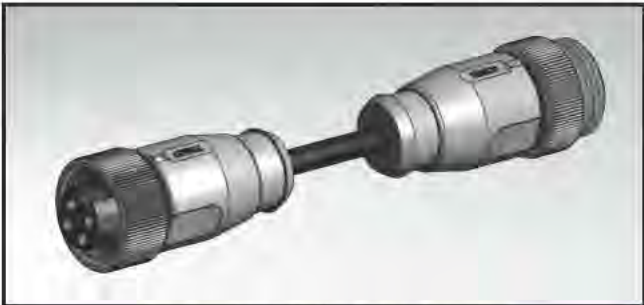
| Cable                                                                     | Length/L | Description                          | 2-pos+ground Part-no. | Description                      | 4-pos Part-no. |
|---------------------------------------------------------------------------|----------|--------------------------------------|-----------------------|----------------------------------|----------------|
| PVC UL grey<br>LiYY 1,5 mm <sup>2</sup>                                   | 0,6m     | SAL-7 / 8-RK2PE-RS2PE-0,6 / A6 / 150 | 41-01241              | SAL-7 / 8-RK4-RS4-0,6 / A3 / 150 | 41-01257       |
|                                                                           | 1m       | SAL-7 / 8-RK2PE-RS2PE-1 / A6 / 150   | 41-01242              | SAL-7 / 8-RK4-RS4-1 / A3 / 150   | 41-01258       |
|                                                                           | 1,5m     | SAL-7 / 8-RK2PE-RS2PE-1,5 / A6 / 150 | 41-01243              | SAL-7 / 8-RK4-RS4-1,5 / A3 / 150 | 41-01259       |
|                                                                           | 2m       | SAL-7 / 8-RK2PE-RS2PE-2 / A6 / 150   | 41-01244              | SAL-7 / 8-RK4-RS4-2 / A3 / 150   | 41-01260       |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 1,5 mm <sup>2</sup> | 0,6m     | SAL-7 / 8-RK2PE-RS2PE-0,6 / K0 / 150 | 41-01245              |                                  |                |
|                                                                           | 1m       | SAL-7 / 8-RK2PE-RS2PE-1 / K0 / 150   | 41-01246              |                                  |                |
|                                                                           | 1,5m     | SAL-7 / 8-RK2PE-RS2PE-1,5 / K0 / 150 | 41-01247              |                                  |                |
|                                                                           | 2m       | SAL-7 / 8-RK2PE-RS2PE-2 / K0 / 150   | 41-01248              |                                  |                |
| TPU UL,<br>halogenfree, black<br>Li9Y11Y 1,5 mm <sup>2</sup>              | 0,6m     |                                      |                       | SAL-7 / 8-RK4-RS4-0,6 / K1 / 150 | 41-01261       |
|                                                                           | 1m       |                                      |                       | SAL-7 / 8-RK4-RS4-1 / K1 / 150   | 41-01262       |
|                                                                           | 1,5m     |                                      |                       | SAL-7 / 8-RK4-RS4-1,5 / K1 / 150 | 41-01263       |
|                                                                           | 2m       |                                      |                       | SAL-7 / 8-RK4-RS4-2 / K1 / 150   | 41-01264       |

For custom length or quality levels contact factory



# SAL 7/8" CONNECTORS

Connecting cable Female connector, axial – Male connector, axial



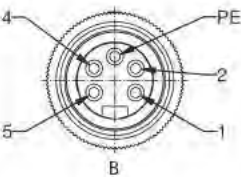
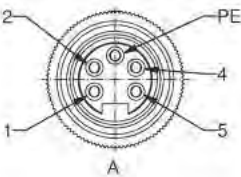
RoHS compliant – UL Listed, File no.: E331608.

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 4-pos+ground<br>300V    |
| Current rating        | 10A at +40°C            |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP68 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

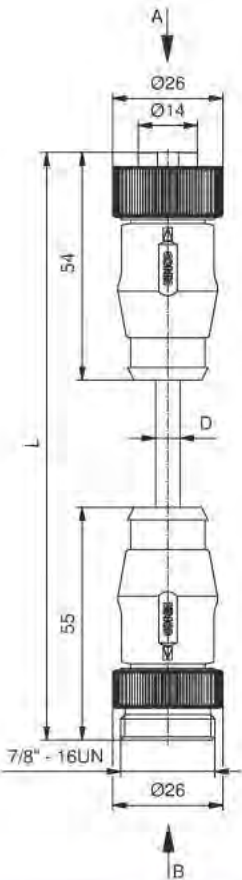
4-pos+ground



Contact Assignment



Dimension



ORDER DATA

| Cable                                                      | Length / L | Description                    | 4-pos+ground Part-no. |
|------------------------------------------------------------|------------|--------------------------------|-----------------------|
| PVC UL grey<br>LiYY 1,5 mm <sup>2</sup>                    | 0,6m       | SAL-7/8-RK4PE-RS4PE-0,6/A3/150 | 41-01273              |
|                                                            | 1m         | SAL-7/8-RK4PE-RS4PE-1/A3/150   | 41-01274              |
|                                                            | 1,5m       | SAL-7/8-RK4PE-RS4PE-1,5/A3/150 | 41-01275              |
|                                                            | 2m         | SAL-7/8-RK4PE-RS4PE-2/A3/150   | 41-01276              |
| TPU UL<br>halogenfree black<br>Li9Y11Y 1,5 mm <sup>2</sup> | 0,6m       | SAL-7/8-RK4PE-RS4PE-0,6/K1/150 | 41-01277              |
|                                                            | 1m         | SAL-7/8-RK4PE-RS4PE-1/K1/150   | 41-01278              |
|                                                            | 1,5m       | SAL-7/8-RK4PE-RS4PE-1,5/K1/150 | 41-01279              |
|                                                            | 2m         | SAL-7/8-RK4PE-RS4PE-2/K1/150   | 41-01280              |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Connecting cable Female connector, angled – Male connector, axial



RoHS compliant – UL Listed, File no.: E331608

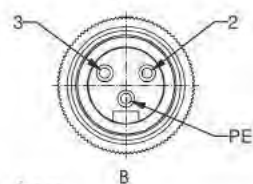
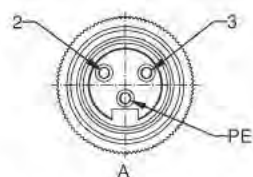
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 2-pos+ground            | 4-pos |
|                       | 300V                    | 300V  |
| Current rating        | 8A at +40°C             |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP68 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

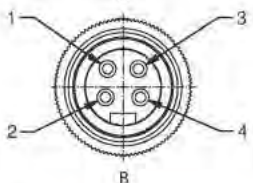
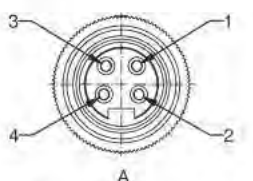
## PRODUCT DRAWING

### Pin Configuration

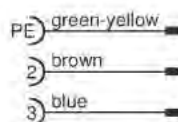
#### 2-pos+ground



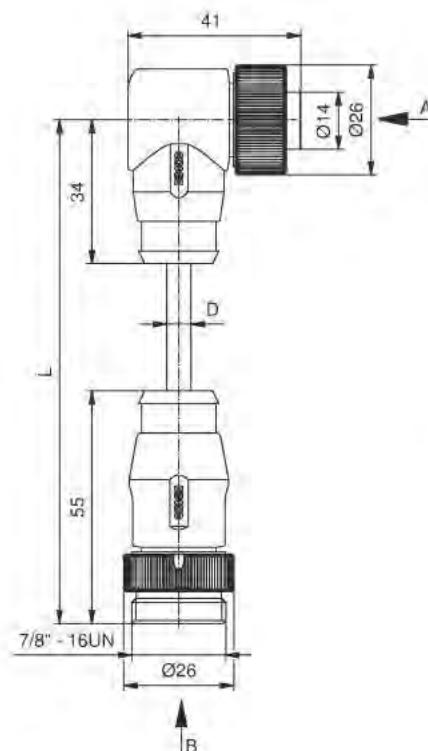
#### 4-pos



### Contact Assignment



### Dimension



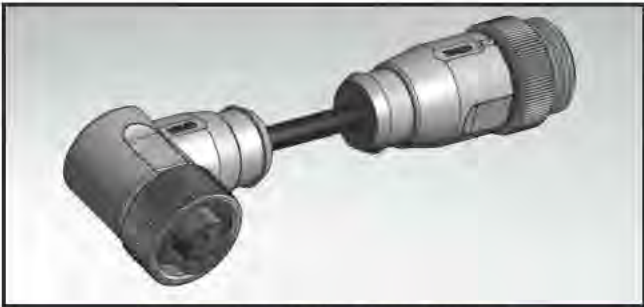
## ORDER DATA

| Cable                                                          | Length/L | Description                     | 2-pos+ground Part-no. | Description                 | 4-pos Part-no. |
|----------------------------------------------------------------|----------|---------------------------------|-----------------------|-----------------------------|----------------|
| PVC UL grey<br>LiYY 0,75 mm²                                   | 0,6m     | SAL-7 / 8-RKW2PE-RS2PE-0,6 / A6 | 41-01201              | SAL-7 / 8-RKW4-RS4-0,6 / A3 | 41-01217       |
|                                                                | 1m       | SAL-7 / 8-RKW2PE-RS2PE-1 / A6   | 41-01202              | SAL-7 / 8-RKW4-RS4-1 / A3   | 41-01218       |
|                                                                | 1,5m     | SAL-7 / 8-RKW2PE-RS2PE-1,5 / A6 | 41-01203              | SAL-7 / 8-RKW4-RS4-1,5 / A3 | 41-01219       |
|                                                                | 2m       | SAL-7 / 8-RKW2PE-RS2PE-2 / A6   | 41-01204              | SAL-7 / 8-RKW4-RS4-2 / A3   | 41-01220       |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 0,75 mm² | 0,6m     | SAL-7 / 8-RKW2PE-RS2PE-0,6 / K0 | 41-01205              |                             |                |
|                                                                | 1m       | SAL-7 / 8-RKW2PE-RS2PE-1 / K0   | 41-01206              |                             |                |
|                                                                | 1,5m     | SAL-7 / 8-RKW2PE-RS2PE-1,5 / K0 | 41-01207              |                             |                |
|                                                                | 2m       | SAL-7 / 8-RKW2PE-RS2PE-2 / K0   | 41-01208              |                             |                |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 0,75 mm²               | 0,6m     |                                 |                       | SAL-7 / 8-RKW4-RS4-0,6 / K1 | 41-01221       |
|                                                                | 1m       |                                 |                       | SAL-7 / 8-RKW4-RS4-1 / K1   | 41-01222       |
|                                                                | 1,5m     |                                 |                       | SAL-7 / 8-RKW4-RS4-1,5 / K1 | 41-01223       |
|                                                                | 2m       |                                 |                       | SAL-7 / 8-RKW4-RS4-2 / K1   | 41-01224       |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Connecting cable Female connector, angled – Male connector, axial



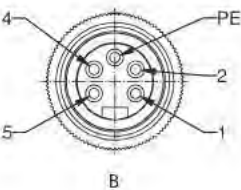
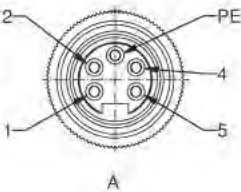
RoHS compliant – UL Listed, File no.: E331608

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 4-pos+ground<br>300V    |
| Current rating        | 8A at +40°C             |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP68 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

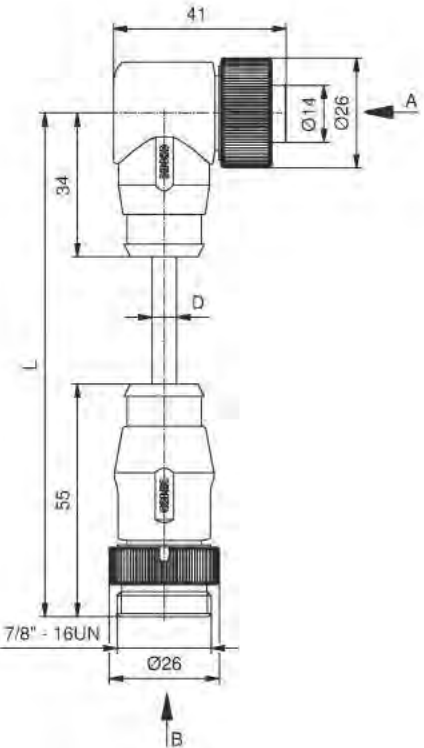
4-pos+ground



Contact Assignment



Dimension



ORDER DATA

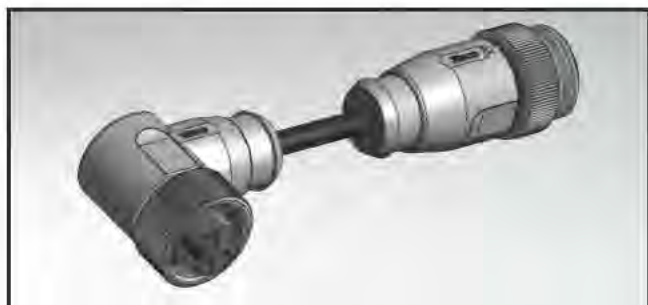
| Cable                                           | Length / L | Description                     | 4-pos+ground Part-no. |
|-------------------------------------------------|------------|---------------------------------|-----------------------|
| PVC UL grey<br>LiYY 0,75 mm²                    | 0,6m       | SAL-7 / 8-RKW4PE-RS4PE-0,6 / A3 | 41-01233              |
|                                                 | 1m         | SAL-7 / 8-RKW4PE-RS4PE-1 / A3   | 41-01234              |
|                                                 | 1,5m       | SAL-7 / 8-RKW4PE-RS4PE-1,5 / A3 | 41-01235              |
|                                                 | 2m         | SAL-7 / 8-RKW4PE-RS4PE-2 / A3   | 41-01236              |
| TPU UL<br>halogenfree black<br>Li9Y11Y 0,75 mm² | 0,6m       | SAL-7 / 8-RKW4PE-RS4PE-0,6 / K1 | 41-01237              |
|                                                 | 1m         | SAL-7 / 8-RKW4PE-RS4PE-1 / K1   | 41-01238              |
|                                                 | 1,5m       | SAL-7 / 8-RKW4PE-RS4PE-1,5 / K1 | 41-01239              |
|                                                 | 2m         | SAL-7 / 8-RKW4PE-RS4PE-2 / K1   | 41-01240              |

For custom length or quality levels contact factory



# SAL 7/8" CONNECTORS

Connecting cable Female connector, angled – Male connector, axial



RoHS compliant – UL Listed, File no.: E331608

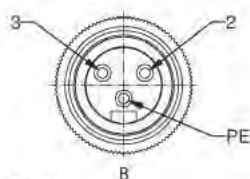
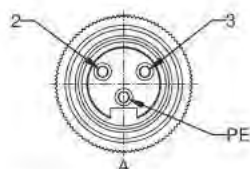
## TECHNICAL DATA

|                       |                         |       |
|-----------------------|-------------------------|-------|
| Rated voltage         | 2-pos+ground            | 4-pos |
|                       | 300V                    | 300V  |
| Current rating        | 10A at +40°C            |       |
| Pollution degree      | 3 / 2                   |       |
| Insulation resistance | >= 100 MΩ               |       |
| Degree of protection  | IP68 in mated condition |       |
| Temperature range     | -30°C to +80°C          |       |
| Mating cycles         | >= 100                  |       |

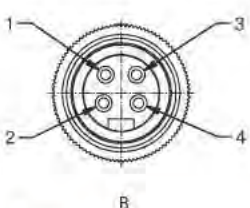
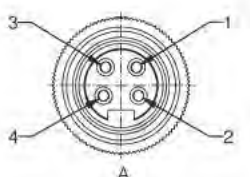
## PRODUCT DRAWING

### Pin Configuration

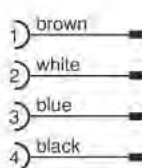
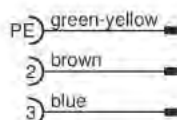
#### 2-pos+ground



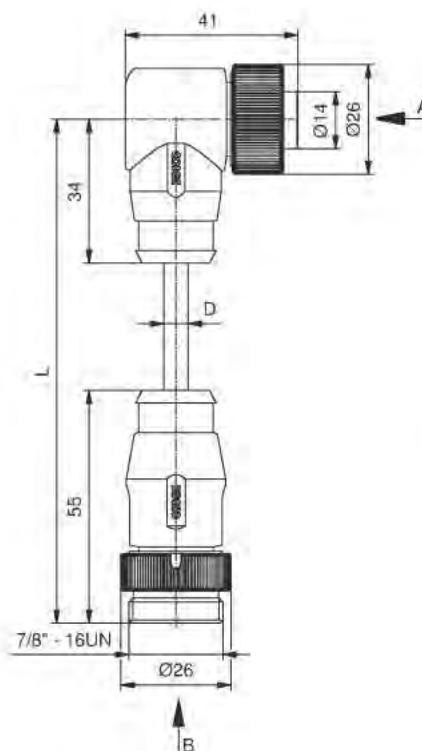
#### 4-pos



### Contact Assignment



### Dimension



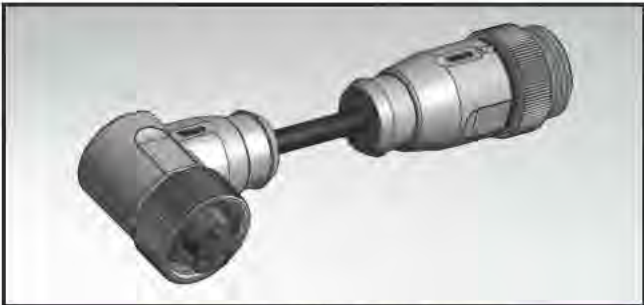
## ORDER DATA

| Cable                                                                     | Length/L | Description                           | 2-pos+ground<br>Part-no. | Description                       | 4-pos<br>Part-no. |
|---------------------------------------------------------------------------|----------|---------------------------------------|--------------------------|-----------------------------------|-------------------|
| PVC UL grey<br>LiYY 1,5 mm <sup>2</sup>                                   | 0,6m     | SAL-7 / 8-RKW2PE-RS2PE-0,6 / A6 / 150 | 41-01249                 | SAL-7 / 8-RKW4-RS4-0,6 / A3 / 150 | 41-01265          |
|                                                                           | 1m       | SAL-7 / 8-RKW2PE-RS2PE-1 / A6 / 150   | 41-01250                 | SAL-7 / 8-RKW4-RS4-1 / A3 / 150   | 41-01266          |
|                                                                           | 1,5m     | SAL-7 / 8-RKW2PE-RS2PE-1,5 / A6 / 150 | 41-01251                 | SAL-7 / 8-RKW4-RS4-1,5 / A3 / 150 | 41-01267          |
|                                                                           | 2m       | SAL-7 / 8-RKW2PE-RS2PE-2 / A6 / 150   | 41-01252                 | SAL-7 / 8-RKW4-RS4-2 / A3 / 150   | 41-01268          |
| TPU UL, halogenfree,<br>highflexible black<br>Li9Y11Y 1,5 mm <sup>2</sup> | 0,6m     | SAL-7 / 8-RKW2PE-RS2PE-0,6 / K0 / 150 | 41-01253                 |                                   |                   |
|                                                                           | 1m       | SAL-7 / 8-RKW2PE-RS2PE-1 / K0 / 150   | 41-01254                 |                                   |                   |
|                                                                           | 1,5m     | SAL-7 / 8-RKW2PE-RS2PE-1,5 / K0 / 150 | 41-01255                 |                                   |                   |
|                                                                           | 2m       | SAL-7 / 8-RKW2PE-RS2PE-2 / K0 / 150   | 41-01256                 |                                   |                   |
| TPU UL,<br>halogenfree black<br>Li9Y11Y 1,5 mm <sup>2</sup>               | 0,6m     |                                       |                          | SAL-7 / 8-RKW4-RS4-0,6 / K1 / 150 | 41-01269          |
|                                                                           | 1m       |                                       |                          | SAL-7 / 8-RKW4-RS4-1 / K1 / 150   | 41-01270          |
|                                                                           | 1,5m     |                                       |                          | SAL-7 / 8-RKW4-RS4-1,5 / K1 / 150 | 41-01271          |
|                                                                           | 2m       |                                       |                          | SAL-7 / 8-RKW4-RS4-2 / K1 / 150   | 41-01272          |

For custom length or quality levels contact factory

# SAL 7/8" CONNECTORS

Connecting cable Female connector, angled – Male connector, axial



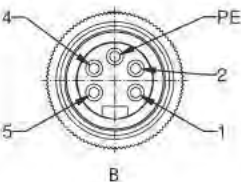
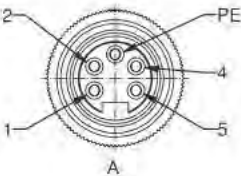
RoHS compliant – UL Listed, File no.: E331608

| TECHNICAL DATA        |                         |
|-----------------------|-------------------------|
| Rated voltage         | 4-pos+ground<br>300V    |
| Current rating        | 10A at +40°C            |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP68 in mated condition |
| Temperature range     | -30°C to +80°C          |
| Mating cycles         | >=100                   |

## PRODUCT DRAWING

### Pin Configuration

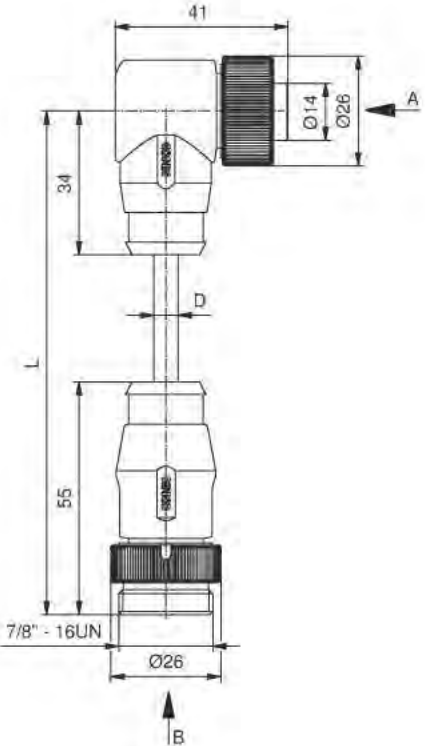
4-pos+ground



### Contact Assignment

- 1) black
- 2) blue
- PE green-yellow
- 4) brown
- 5) white

### Dimension



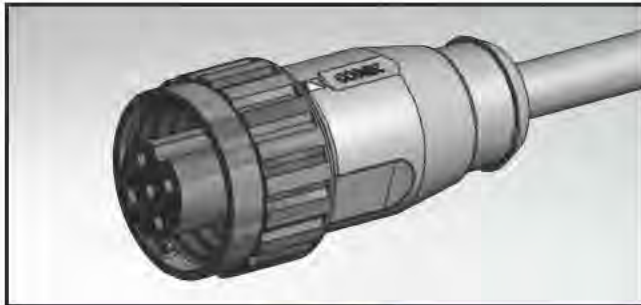
## ORDER DATA

| Cable                                                      | Length / L | Description                     | 4-pos+ground Part-no. |
|------------------------------------------------------------|------------|---------------------------------|-----------------------|
| PVC UL grey<br>LiYY 1,5 mm <sup>2</sup>                    | 0,6m       | SAL-7/8-RKW4PE-RS4PE-0,6/A3/150 | 41-01281              |
|                                                            | 1m         | SAL-7/8-RKW4PE-RS4PE-1/A3/150   | 41-01282              |
|                                                            | 1,5m       | SAL-7/8-RKW4PE-RS4PE-1,5/A3/150 | 41-01283              |
|                                                            | 2m         | SAL-7/8-RKW4PE-RS4PE-2/A3/150   | 41-01284              |
| TPU UL<br>halogenfree black<br>Li9Y11Y 1,5 mm <sup>2</sup> | 0,6m       | SAL-7/8-RKW4PE-RS4PE-0,6/K1/150 | 41-01285              |
|                                                            | 1m         | SAL-7/8-RKW4PE-RS4PE-1/K1/150   | 41-01286              |
|                                                            | 1,5m       | SAL-7/8-RKW4PE-RS4PE-1,5/K1/150 | 41-01287              |
|                                                            | 2m         | SAL-7/8-RKW4PE-RS4PE-2/K1/150   | 41-01288              |

For custom length or quality levels contact factory

# SAL RUND24 CONNECTORS

Female connector, axial



RoHS compliant

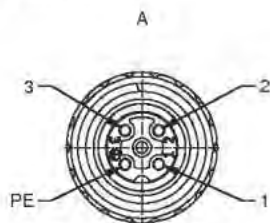
## TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos+ground<br>400V    |
| Current rating        | 13A at +40°C            |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -40°C to +80°C          |
| Mating cycles         | >= 100                  |

## PRODUCT DRAWING

### Pin Configuration

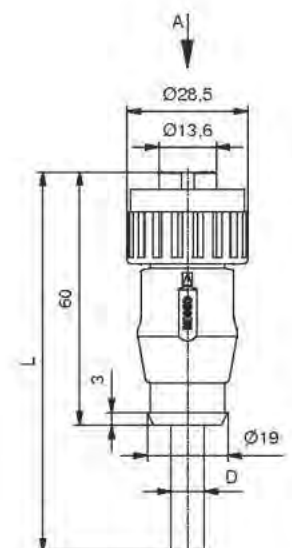
3-pos+ground



### Contact Assignment

|    |              |
|----|--------------|
| 1  | brown        |
| 2  | blue         |
| 3  | black        |
| PE | green-yellow |

### Dimension



## ORDER DATA

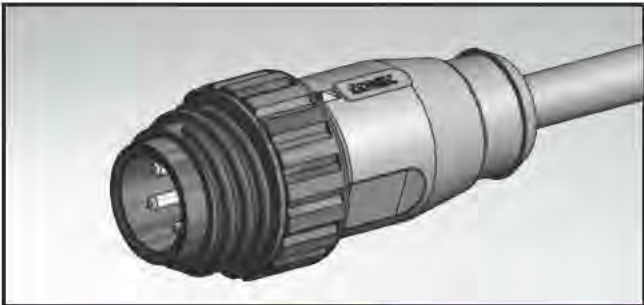
| Cable        | Length / L | Description          | 3-pos+ground<br>Part-no. |
|--------------|------------|----------------------|--------------------------|
| PVC UL grey  | 2m         | SAL-24-RK3PE-2 / A3  | 41-51000                 |
| LiYY 1,5 mm² | 3m         | SAL-24-RK3PE-3 / A3  | 41-51001                 |
|              | 5m         | SAL-24-RK3PE-5 / A3  | 41-51002                 |
|              | 10m        | SAL-24-RK3PE-10 / A3 | 41-51003                 |

For custom length or quality levels contact factory



# SAL RUND24 CONNECTORS

Male connector, axial



RoHS compliant

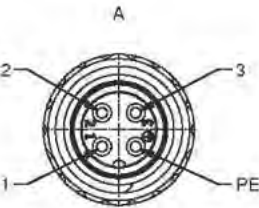
TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos+ground<br>400V    |
| Current rating        | 13A at +40°C            |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -40°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

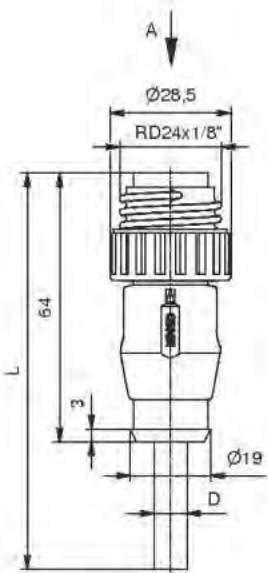
3-pos+ground



Contact Assignment

- 1 brown
- 2 blue
- 3 black
- PE green-yellow

Dimension



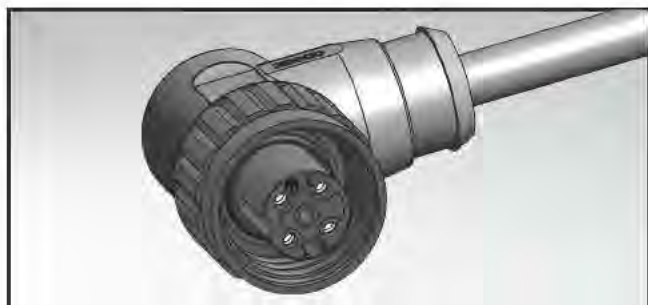
ORDER DATA

| Cable        | Length / L | Description          | 3-pos+ground Part-no. |
|--------------|------------|----------------------|-----------------------|
| PVC UL grey  | 2m         | SAL-24-RS3PE-2 / A3  | 41-51004              |
| LiYY 1,5 mm² | 3m         | SAL-24-RS3PE-3 / A3  | 41-51005              |
|              | 5m         | SAL-24-RS3PE-5 / A3  | 41-51006              |
|              | 10m        | SAL-24-RS3PE-10 / A3 | 41-51007              |

For custom length or quality levels contact factory

# SAL RUND24 CONNECTORS

Female connector, angled



RoHS compliant

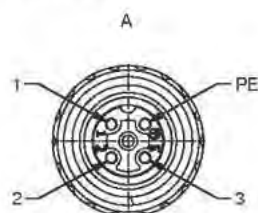
## TECHNICAL DATA

|                       |                            |
|-----------------------|----------------------------|
| Rated voltage         | 3-pos+ground<br>400V       |
| Current rating        | 13A at +40°C               |
| Pollution degree      | 3 / 2                      |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Degree of protection  | IP67 in mated condition    |
| Temperature range     | -40°C to +80°C             |
| Mating cycles         | $\geq 100$                 |

## PRODUCT DRAWING

### Pin Configuration

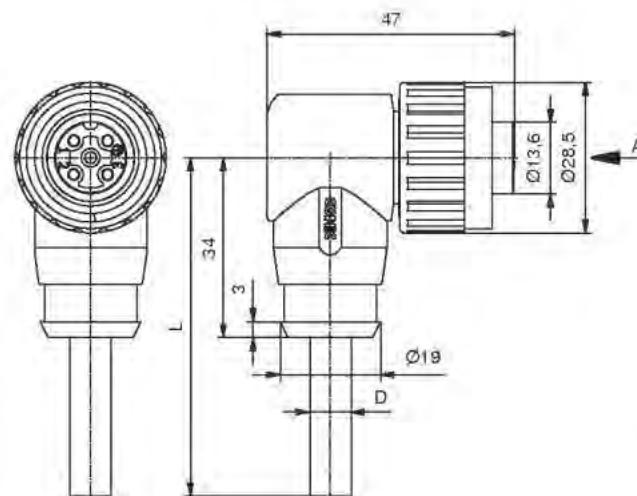
3-pos+ground



### Contact Assignment

|    |              |
|----|--------------|
| 1  | brown        |
| 2  | blue         |
| 3  | black        |
| PE | green-yellow |

### Dimension



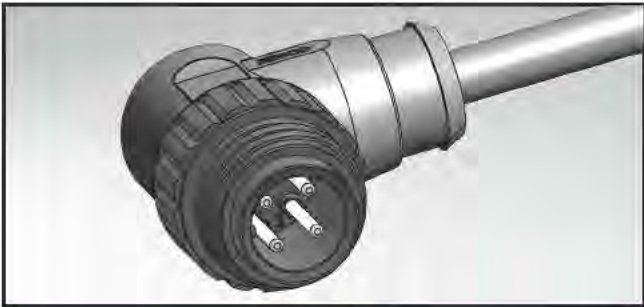
## ORDER DATA

| Cable                    | Length/L | Description         | 3-pos+ground<br>Part-no. |
|--------------------------|----------|---------------------|--------------------------|
| PVC UL grey              | 2m       | SAL-24-RKW3PE-2/A3  | 41-51008                 |
| LiYY 1,5 mm <sup>2</sup> | 3m       | SAL-24-RKW3PE-3/A3  | 41-51009                 |
|                          | 5m       | SAL-24-RKW3PE-5/A3  | 41-51010                 |
|                          | 10m      | SAL-24-RKW3PE-10/A3 | 41-51011                 |

For custom length or quality levels contact factory

# SAL RUND24 CONNECTORS

Male connector, angled



RoHS compliant

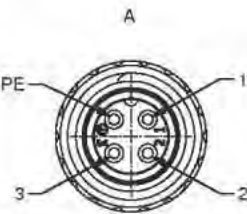
TECHNICAL DATA

|                       |                         |
|-----------------------|-------------------------|
| Rated voltage         | 3-pos+ground<br>400V    |
| Current rating        | 13A at +40°C            |
| Pollution degree      | 3 / 2                   |
| Insulation resistance | >= 100 MΩ               |
| Degree of protection  | IP67 in mated condition |
| Temperature range     | -40°C to +80°C          |
| Mating cycles         | >=100                   |

PRODUCT DRAWING

Pin Configuration

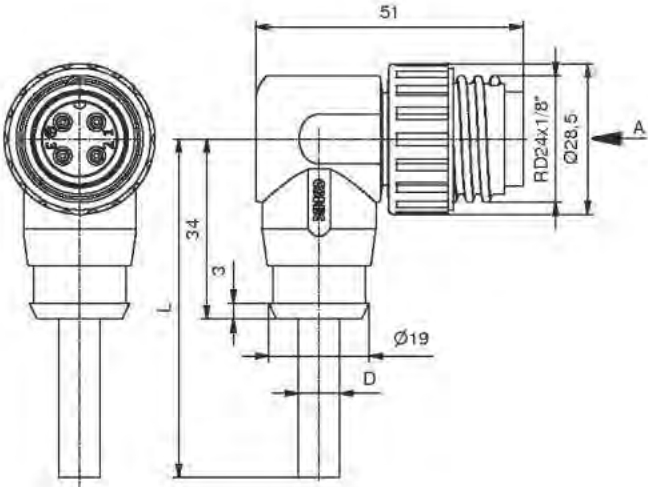
3-pos+ground



Contact Assignment

- 1 brown
- 2 blue
- 3 black
- PE green-yellow

Dimension



ORDER DATA

| Cable        | Length / L | Description           | 3-pos+ground<br>Part-no. |
|--------------|------------|-----------------------|--------------------------|
| PVC UL grey  | 2m         | SAL-24-RSW3PE-2 / A3  | 41-51012                 |
| LiYY 1,5 mm² | 3m         | SAL-24-RSW3PE-3 / A3  | 41-51013                 |
|              | 5m         | SAL-24-RSW3PE-5 / A3  | 41-51014                 |
|              | 10m        | SAL-24-RSW3PE-10 / A3 | 41-51015                 |

For custom length or quality levels contact factory