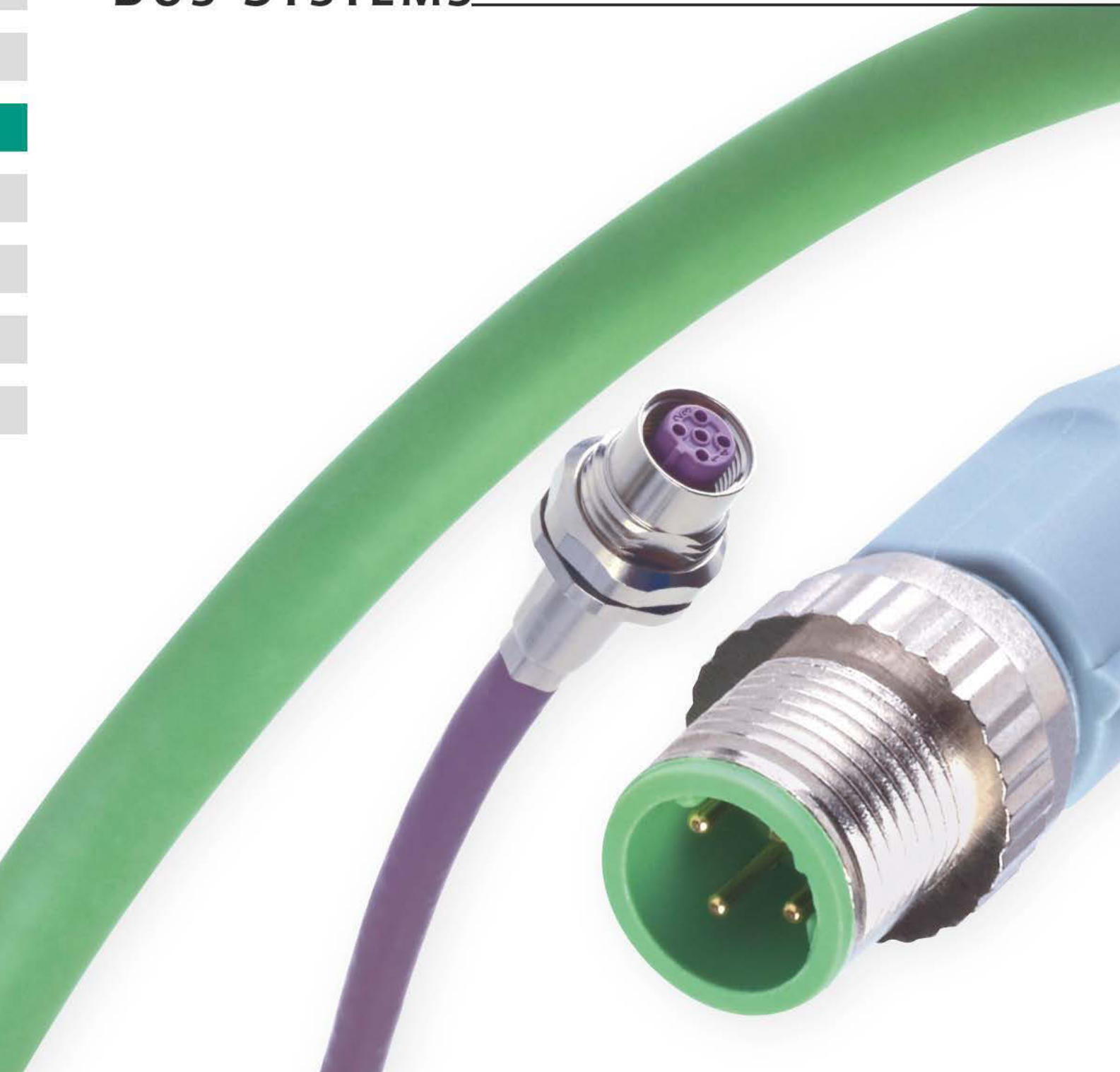


SECTION 6

BUS SYSTEMS





SAL M12x1 SOCKETS – PROFIBUS DP/ INDUSTRIAL ETHERNET 100MHz

Nomenclature

S A L - 1 2 B - F K P W 4 - 0,5 - 9 /

SAL
Sensor Actor Line

Installation size
12 = M12x1 45 = RJ45

Coding
B = B-coding
D = D-coding
X = X-coding

Building
F = Socket S = Special connector

Configuration
K = Female connector
S = Male connector

Assembly
= Frontmounting
P = Positioning possible, frontmounting
H = Backmounting

Building
= Axial
W = Angled

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

Type of connection	
P5,5 = Length [mm]	X5,5 = Installation height [mm]
P6,75 = Length [mm]	X7,2 = Installation height [mm]
P12 = Length [mm]	X10 = Installation height [mm]
XX = Length of wire [m]	

Screw connection
12 = M12x1
= M16x1,5
9 = PG9

Cable quality
G4 = TPU, violet, UL, AWG 22
G5 = PVC, violet, UL, AWG 22
G6 = TPU, green, UL, AWG 22

WD = Wall busting

SAL M12x1 SOCKETS – PROFIBUS DP/ INDUSTRIAL ETHERNET 100MHz

Productspecification

Basic material	
Contact	CuZn
Contact plating	Ni, Au gal.
Contact carrier	PBT GF, UL 94 / PA GF, UL 94
Sealing	FPM / NBR
Counter nut	CuZn, Ni
Socket housing	CuZn, Ni
Grouting	Polyurethane-resin, UL 94
Shroud	Spring steel
Shroud surface	Sn gal.

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: 1-1,2 Nm

Technical subject to change without notice.

Nomenclature

G4	= TPU, violet, UL, AWG 22
G5	= PVC, violet, UL, AWG 22
G6	= TPU, green, UL, AWG 22
G7	= TPU, violet, draightchain-ready, UL, AWG 24
GG	= TPU, waterblue, S-FTP, CAT 6, AWG 26

SAL M12x1 CONNECTORS OVERMOULDED – PROFIBUS DP/ INDUSTRIAL ETHERNET 100MHz/ETHERNET 10 GIGABIT

Products specification

Basic material	
Contact	CuZn / CuSn
Contact plating	Ni, Au gal.
Contact carrier	TPU GF, UL 94 / PA, UL 94 / PP
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 61076-2-101 X-coding: IEC 61076-2-100
Current rating	IEC 61076-2-101 X-coding: IEC 61076-2-100
Insulation resistance	IEC 60512
Pollution degree	IEC 60664-1
Degree of protection	IEC 60529
Temperature range	IEC 60664-1
Mating cycles	IEC 61076-2-101

Recommended torque: 0,6 Nm

Technical subject to change without notice.

SAL M12x1 Y-SPLITTER – PROFIBUS DP

Nomenclature

S A L - 1 2 B - R S 5 - 1 2 - R K 5 - 1 2 - R S 5

SAL
Sensor Actor Line

CONNECTION

Installation size
12 = M12x1

Coding
B = B-coding

Building
R = Circular connector

Configuration
S = Male connector
K = Female connector

Number of poles
5 = 5-pos

ALLOCATION

Installation size
= M12x1

Building
R = Circular connector

Configuration
K = Female connector
S = Male connector

Number of poles
5 = 5-pos

Installation size
= M12x1

Building
R = Circular connector

Configuration
S = Male connector
F = Female connector

Number of poles
5 = 5-pos

SAL M12x1 Y-SPLITTER – PROFIBUS DP

Products specification

Basic material	
Contact	CuZn
Contact plating	Ni, Au gal.
Contact carrier	PBT GF, UL 94
Moulding body	Thermoplastic elastomere
Sealing	FPM

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

Technical subject to change without notice.

SAL M12x1 CONNECTORS FIELD-ATTACHABLE – PROFIBUS DP

Nomenclature

	S	A	L	-	1	2	B	-	R	K	C	4	-	S	8	/	
SAL																	
Sensor Actor Line																	
Installation size																	
12 = M12x1																	
Coding																	
B = B-coding																	
Building																	
R = Circular connector																	
Configuration																	
K = Female connector																	
S = Male connector																	
Building																	
= Axial																	
Building																	
C = Field-attachable																	
Number of poles																	
4 = 4-pos																	
Type of connection																	
S = Screw termination																	
K = Clamp connection																	
max. cable outer diameter																	
8 = 6-8,5mm Cable sealing																	
Terminal cross section																	
= max. 0,5mm ²																	
075 = max. 0,75mm ²																	

SAL M12x1 CONNECTORS FIELD-ATTACHABLE – PROFIBUS DP

Products specification

Basic material	
Contact	CuZn
Contact plating	Ni, Au gal.
Contact carrier	PA6, UL 94
Housing	GD-Zn, Ni
Clamp-/screw contact	Stainless steel, nickel-plated
Screw termination	CuZn/Ni, Sn gal.
Cable sealing	Elastomere
Sealing	FPM / NBR
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 D-SUB

Nomenclature

S A L - D S - S K S W 9 F

SAL	Sensor Actor Line
Installation size	DS = D-SUB
Building	S = Spezific
Building	= Without programming interface K = With programming interface
Configuration	S = Male connector
Building	= Axial W = Angled
Number of poles	9 = 9-pos
Cable-connection	= Quick connection IDC, inflexible conductor F = Quick connection IDC, flexible conductor S = Screw termination

SAL D-SUB

Products specification

Basic material	
Contact D-SUB	CuZn
Contact plating D-SUB	Ni, Au gal.
IDC-Contact	CuSn
Housing	Thermoplastic chrome-plated
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Degree of protection	IEC 60529
Temperature range	IEC 60664-1

Technical subject to change without notice.

SAL M12x1/7/8" CONNECTORS OVERMOULDED/ CAN-Bus/DEVICE NET

Nomenclature

S A L - D N - 1 2 - R K 4 - 3 / G C

SAL	DN	12	R	K	4	3	G	C
SAL Sensor Actor Line								
BUS CN = CAN-Bus DN = DeviceNet								
Installation size 12 = M12x1 7/8 = 7/8"								
Coding = A-coding S = A-coding shielded								
Building R = Circular connector								
Configuration K = Female connector S = Male connector								
Building = Axial W = Angled A = Axial, without cable								
Number of poles 4 = 4-pos 5 = 5-pos								
Cable length XX = Length [m]								
Cable quality GC = PVC, grey, UL GJ = TPU, violet, UL GU = PVC, violet								

SAL M12x1/7/8" CONNECTORS OVERMOULDED/ CAN-Bus/DEVICENET

Products specification

Basic material	
Contact	CuZn
Contact plating	Ni, Au gal.
Contact carrier	TPU GF, UL 94 / PA UL
Moulding body	TPU, UL94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni / CuZn, Ni

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	7/8"	M12x1
Rated voltage	IEC 60664-1	IEC 61076-2-101
Overvoltage category	IEC 60664-1 2	
Bemessungsstoßspannung	IEC 60664-1 2,7kV	
Current rating	IEC 60512-3	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 M12x1 SOCKETS/CAN-Bus/DEVICENET

Nomenclature

S A L - D N - 1 2 - F K P 4 - 0,5 - 9 / G J

SAL	Sensor Actor Line
BUS DN	= DeviceNet
Installation size 12	= M12x1
Coding F	= A-coding
Building F	= Socket
Configuration K S	= Female connector = Male connector
Assembly H	= Frontmounting = Backmounting
Building H	= Axial
Number of poles 4 5	= 4-pos = 5-pos
Type of connection XX XX	= Length of wire [m] = Length [m]
Screw connection H	= M16x1,5
Cable quality GJ	= TPU, violet, UL

SAL M12x1 SOCKETS/CAN-BUS/DEVICENET

Productspecification

Basic material	
Contact	CuZn
Contact plating	Ni, Au gal.
Contact carrier	PBT GF, UL 94
Sealing	FPM /NBR
Counter nut	CuZn, Ni
Socket housing	CuZn, Ni
Grouting	Polyurethane-resin, UL 94

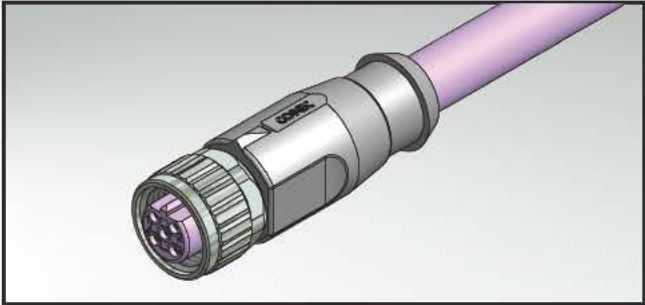
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Pollution degree	IEC 60664-1
Degree of protection	IEC 60529
Temperature range	IEC 60664-1
Mating cycles	IEC 60512-9a

Recommended torque: 1,2 Nm

Technical subject to change without notice.

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female connector, axial with 360°-shielding



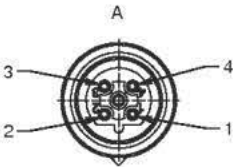
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 160V
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 at +60°C (Cable G4) -30°C at +80°C
Mating cycles	>=100

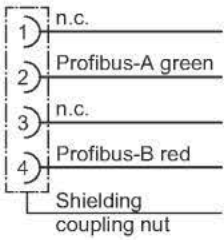
PRODUCT DRAWING

Pin Configuration

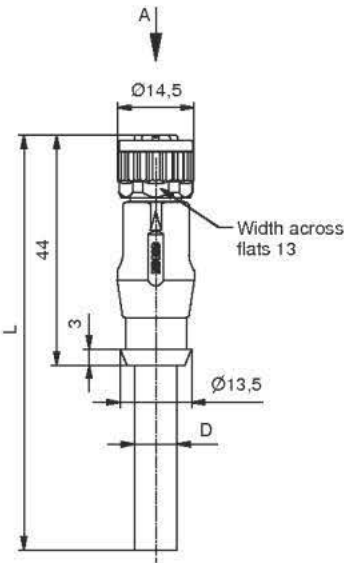
4-pos



Contact Assignment



Dimension



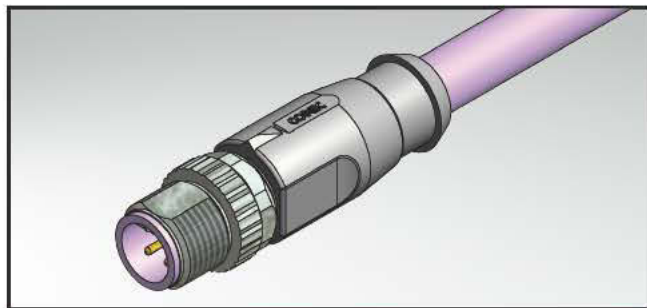
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC UL violet (RAL4001) 02YSY(ST)CY 2xAWG22	2m	SAL-12B-RK4.1-2/G5	43-11601
	3m	SAL-12B-RK4.1-3/G5	43-11602
	5m	SAL-12B-RK4.1-5/G5	43-11603
	10m	SAL-12B-RK4.1-10/G5	43-11604
TPU UL violet (RAL4001) 02YSH(ST)CH 2xAWG22	2m	SAL-12B-RK4.1-2/G4	43-10932
	3m	SAL-12B-RK4.1-3/G4	43-10933
	5m	SAL-12B-RK4.1-5/G4	43-10934
	10m	SAL-12B-RK4.1-10/G4	43-10935
TPE UL, highflexible violet (RAL4001) 02YS(ST)C11Y 2xAWG24	2m	SAL-12B-RK4.1-2/G7	43-11605
	3m	SAL-12B-RK4.1-3/G7	43-11606
	5m	SAL-12B-RK4.1-5/G7	43-11607
	10m	SAL-12B-RK4.1-10/G7	43-11608

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male connector, axial with 360°-shielding



RoHS compliant

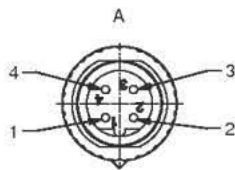
TECHNICAL DATA

Rated voltage	4-pos 160V
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 at +60°C (Cable G4) -30°C at +80°C
Mating cycles	>= 100

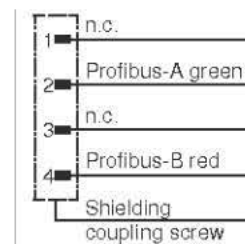
PRODUCT DRAWING

Pin Configuration

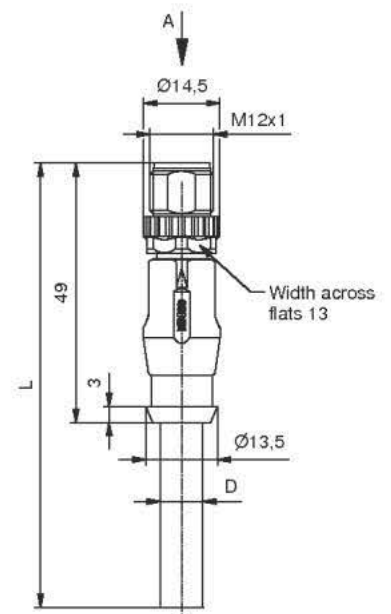
4-pos



Contact Assignment



Dimension



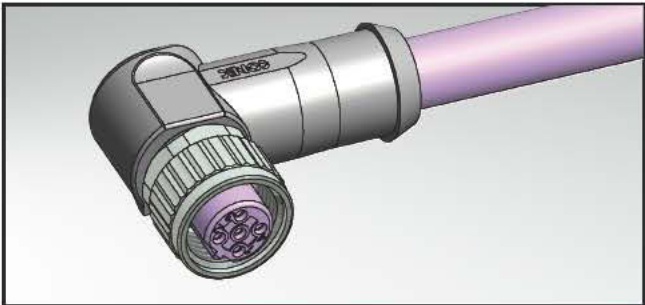
ORDER DATA

Cable	Length / L	Description	4-pos Part-no.
PVC UL violet (RAL4001) O2YSY(ST)CY 2xAWG22	2m	SAL-12B-RS4.1-2 / G5	43-11609
	3m	SAL-12B-RS4.1-3 / G5	43-11610
	5m	SAL-12B-RS4.1-5 / G5	43-11611
	10m	SAL-12B-RS4.1-10 / G5	43-11612
TPU UL violet (RAL4001) O2YSH(ST)CH 2xAWG22	2m	SAL-12B-RS4.1-2 / G4	43-10936
	3m	SAL-12B-RS4.1-3 / G4	43-10937
	5m	SAL-12B-RS4.1-5 / G4	43-10938
	10m	SAL-12B-RS4.1-10 / G4	43-10939
TPE UL, highflexible violet (RAL4001) O2YS(ST)C11Y 2xAWG24	2m	SAL-12B-RS4.1-2 / G7	43-11613
	3m	SAL-12B-RS4.1-3 / G7	43-11614
	5m	SAL-12B-RS4.1-5 / G7	43-11615
	10m	SAL-12B-RS4.1-10 / G7	43-11616

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female connector, angled with 360°-shielding



RoHS compliant

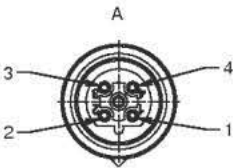
TECHNICAL DATA

Rated voltage	4-pos 160V
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 at +60°C (Cable G4) -30°C at +80°C
Mating cycles	>= 100

PRODUCT DRAWING

Pin Configuration

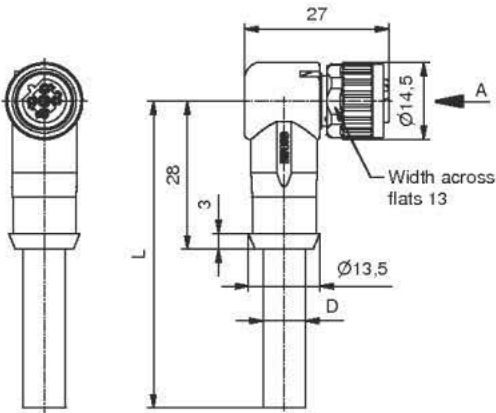
4-pos



Contact Assignment

1	n.c.
2	Profibus-A green
3	n.c.
4	Profibus-B red
	Shielding coupling nut

Dimension



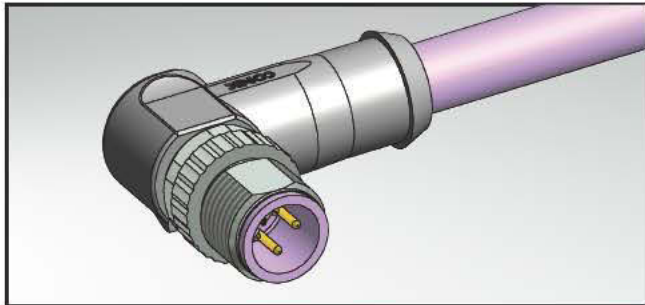
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC UL violet (RAL4001) 02YSY(ST)CY 2xAWG22	2m	SAL-12B-RKW4.1-2 / G5	43-12471
	3m	SAL-12B-RKW4.1-3 / G5	43-12472
	5m	SAL-12B-RKW4.1-5 / G5	43-12473
	10m	SAL-12B-RKW4.1-10 / G5	43-12474
TPU UL violet (RAL4001) 02YSH(ST)CH 2xAWG22	2m	SAL-12B-RKW4.1-2 / G4	43-12475
	3m	SAL-12B-RKW4.1-3 / G4	43-12476
	5m	SAL-12B-RKW4.1-5 / G4	43-12477
	10m	SAL-12B-RKW4.1-10 / G4	43-12478
TPE UL, highflexible violet (RAL4001) 02YS(ST)C11Y 2xAWG24	2m	SAL-12B-RKW4.1-2 / G7	43-12479
	3m	SAL-12B-RKW4.1-3 / G7	43-12480
	5m	SAL-12B-RKW4.1-5 / G7	43-12481
	10m	SAL-12B-RKW4.1-10 / G7	43-12482

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male connector, angled with 360°-shielding



RoHS compliant

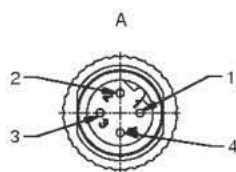
TECHNICAL DATA

Rated voltage	4-pos 160V
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 at +60°C (Cable G4) -30°C at +80°C
Mating cycles	>= 100

PRODUCT DRAWING

Pin Configuration

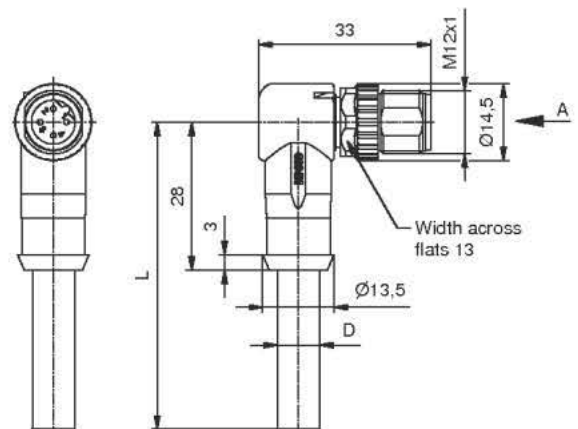
4-pos



Contact Assignment

1	n.c.
2	Profibus-A green
3	n.c.
4	Profibus-B red
	Shielding coupling screw

Dimension



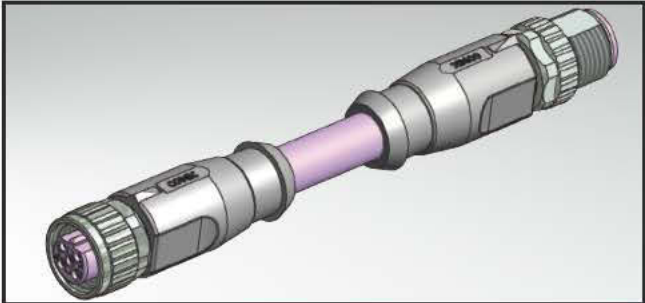
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC UL violet (RAL4001) O2YSY(ST)CY 2xAWG22	2m	SAL-12B-RSW4.1-2 / G5 / A1090	43-14930
	3m	SAL-12B-RSW4.1-3 / G5 / A1090	43-14931
	5m	SAL-12B-RSW4.1-5 / G5 / A1090	43-14932
	10m	SAL-12B-RSW4.1-10 / G5 / A1090	43-14933
TPU UL violet (RAL4001) O2YSH(ST)CH 2xAWG22	2m	SAL-12B-RSW4.1-2 / G4 / A1090	43-14934
	3m	SAL-12B-RSW4.1-3 / G4 / A1090	43-14935
	5m	SAL-12B-RSW4.1-5 / G4 / A1090	43-14936
	10m	SAL-12B-RSW4.1-10 / G4 / A1090	43-14937
TPE UL, highflexible violet (RAL4001) O2YS(ST)C11Y 2xAWG24	2m	SAL-12B-RSW4.1-2 / G7 / A1090	43-14938
	3m	SAL-12B-RSW4.1-3 / G7 / A1090	43-14939
	5m	SAL-12B-RSW4.1-5 / G7 / A1090	43-14940
	10m	SAL-12B-RSW4.1-10 / G7 / A1090	43-14941

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

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



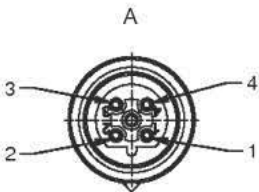
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 160V
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 at +60°C (Cable G4) -30°C at +80°C
Mating cycles	>= 100

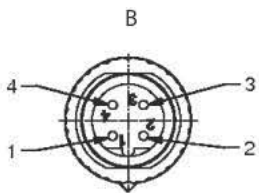
PRODUCT DRAWING

Pin Configuration

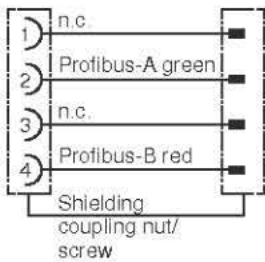
4-pos female connector



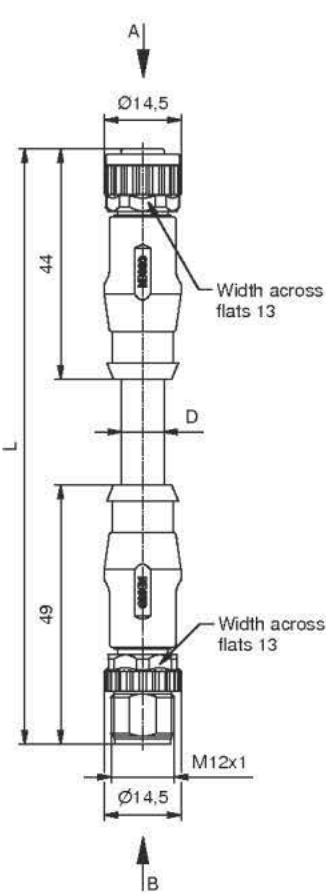
4-pos male connector



Contact Assignment



Dimension



ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC UL violet (RAL4001) O2YSY(ST)CY 2xAWG22	0,3m	SAL-12B-RK4.1-RS4.1-0,3/G5	43-11617
	0,6m	SAL-12B-RK4.1-RS4.1-0,6/G5	43-11618
	1,5m	SAL-12B-RK4.1-RS4.1-1,5/G5	43-11619
	3m	SAL-12B-RK4.1-RS4.1-3/G5	43-11620
TPU UL violet (RAL4001) O2YSH(ST)CH 2xAWG22	0,3m	SAL-12B-RK4.1-RS4.1-0,3/G4	43-10940
	0,6m	SAL-12B-RK4.1-RS4.1-0,6/G4	43-10941
	1,5m	SAL-12B-RK4.1-RS4.1-1,5/G4	43-10942
	3m	SAL-12B-RK4.1-RS4.1-3/G4	43-10943
TPE UL, highflexible violet (RAL4001) O2YS(ST)C11Y 2xAWG24	0,3m	SAL-12B-RK4.1-RS4.1-0,3/G7	43-11228
	0,6m	SAL-12B-RK4.1-RS4.1-0,6/G7	43-11621
	1,5m	SAL-12B-RK4.1-RS4.1-1,5/G7	43-11622
	3m	SAL-12B-RK4.1-RS4.1-3/G7	43-11623

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female connector, axial, field-attachable, 360°-shielding, with screw termination



RoHS compliant

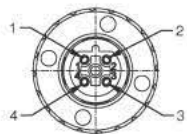
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

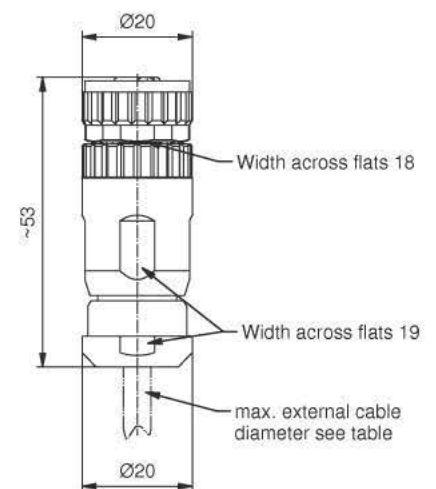
PRODUCT DRAWING

Pin Configuration

4-pos



Dimension

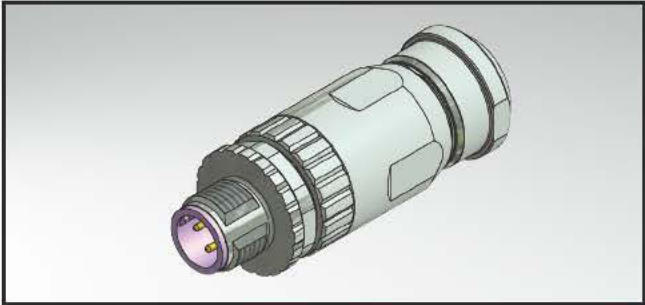


ORDER DATA

Cable outer diameter	Description	4-pos Part-no.
max. Ø4-8mm	SAL-12B-RKC4-S/075	43-00136

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male connector, axial, field-attachable, 360°-shielding, with screw termination



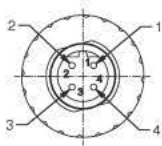
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>=100

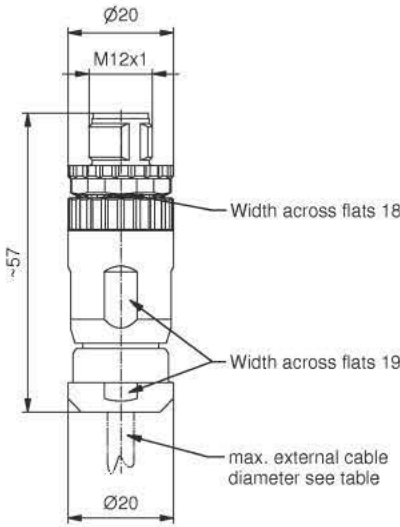
PRODUCT DRAWING

Pin Configuration

4-pos



Dimension

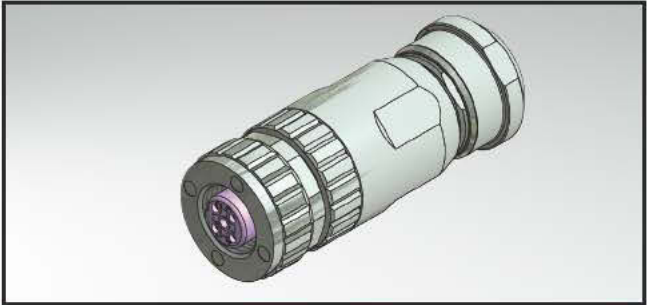


ORDER DATA

Cable outer diameter	Description	4-pos Part-no.
max. Ø4-8mm	SAL-12B-RSC4-S/075	43-00137

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female connector, axial, field-attachable, 360°-shielding, with screw termination



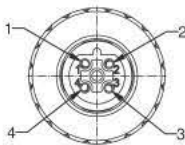
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>=100

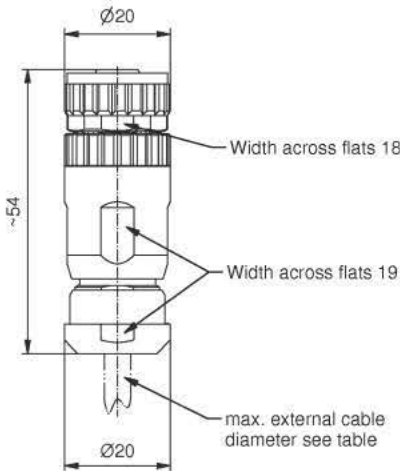
PRODUCT DRAWING

Pin Configuration

4-pos



Dimension

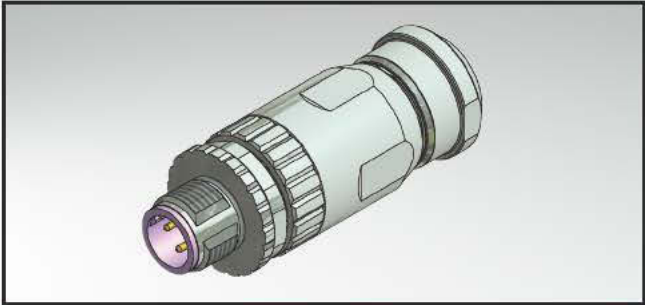


ORDER DATA

Cable outer diameter	Description	4-pos Part-no.
max. Ø6-8,5mm	SAL-12B-RKC4-S8	43-00075

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male connector, axial, field-attachable, 360°-shielding, with screw termination



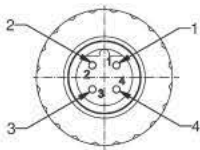
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

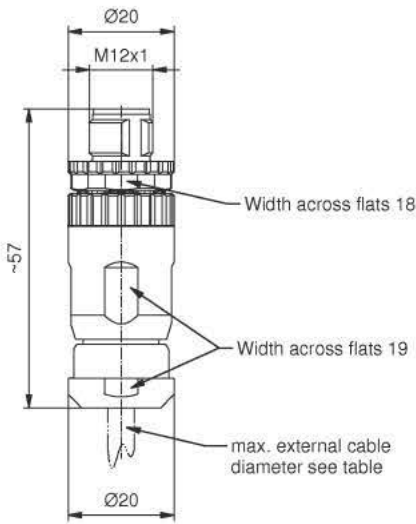
PRODUCT DRAWING

Pin Configuration

4-pos



Dimension



ORDER DATA

Cable outer diameter	Description	4-pos Part-no.
max. Ø6-8,5mm	SAL-12B-RSC4-S8	43-00079

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female connector, axial, field-attachable, 360°-shielding, with clamp connection



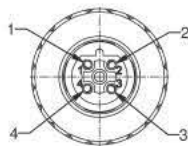
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>=100

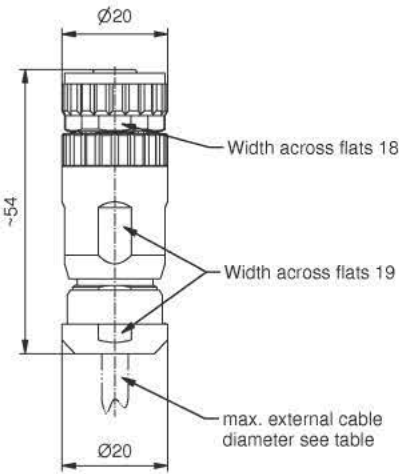
PRODUCT DRAWING

Pin Configuration

4-pos



Dimension

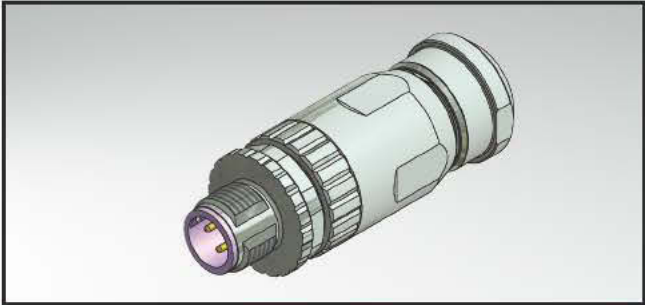


ORDER DATA

Cable outer diameter	Description	4-pos Part-no.
max. Ø6-8,5mm	SAL-12B-RKC4-K8	43-00073

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male connector, axial, field-attachable, 360°-shielding, with clamp connection



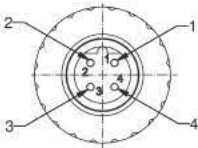
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>=100

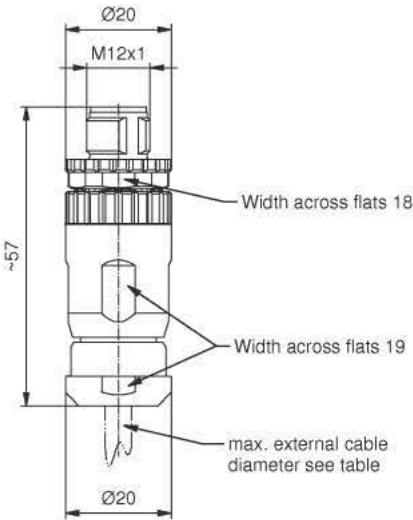
PRODUCT DRAWING

Pin Configuration

4-pos



Dimension



ORDER DATA

Cable outer diameter	Description	4-pos Part-no.
max. Ø6-8,5mm	SAL-12B-RSC4-K8	43-00077

SAL Y-SPLITTER PROFIBUS DP

Male connector M12x1 – Female connector M12x1 – Male connector M12x1



RoHS compliant

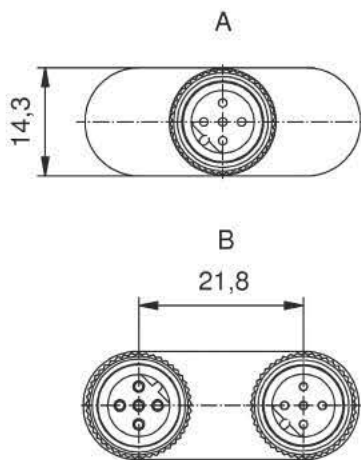
TECHNICAL DATA

Rated voltage	5-pos 60V
Current rating	4A at +40°C
Pollution degree	3 / 2
Insulation resistance	$\geq 100 \text{ M}\Omega$
Degree of protection	IP65 in mated condition
Temperature range	-30°C to +85°C
Mating cycles	≥ 100

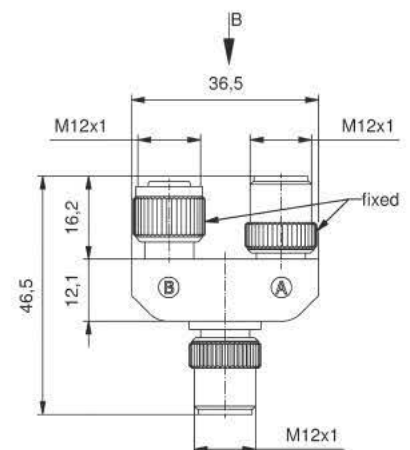
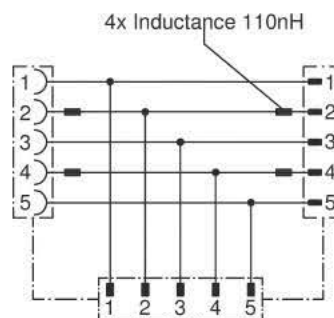
PRODUCT DRAWING

Pin Configuration

5-pos



Contact Assignment

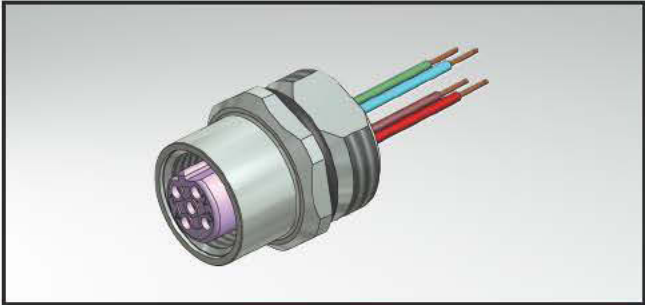


ORDER DATA

Description	5-pos Part-no.
SAL-12B-RS5-RK5-RS5	43-11210

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket with wire, frontmounting, M16x1,5-thread



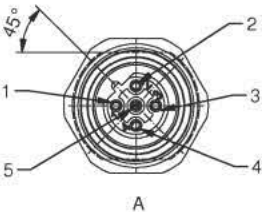
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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

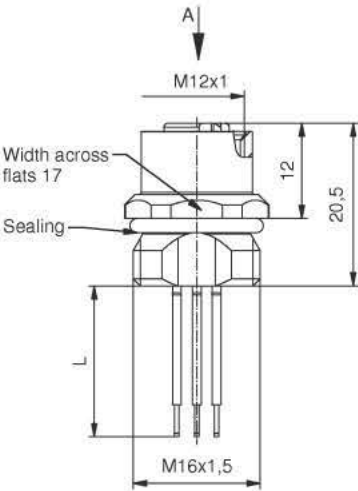
4-pos



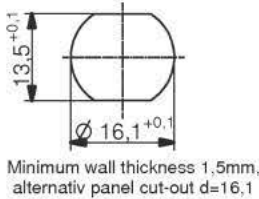
Contact Assignment

- 1) brown
- 2) Profibus-A green
- 3) blue
- 4) Profibus-B red

Dimension



Cut-Out Front Panel



ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG22, UL	0,5m	SAL-12B-FK4.3-0,5	43-01042

Suitable counter nut in section 9

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket with wire, frontmounting, M16x1,5-thread



RoHS compliant

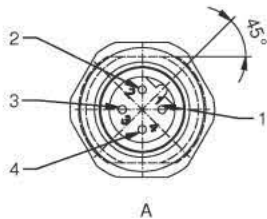
TECHNICAL DATA

Rated voltage	4-pos 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	≥ 100

PRODUCT DRAWING

Pin Configuration

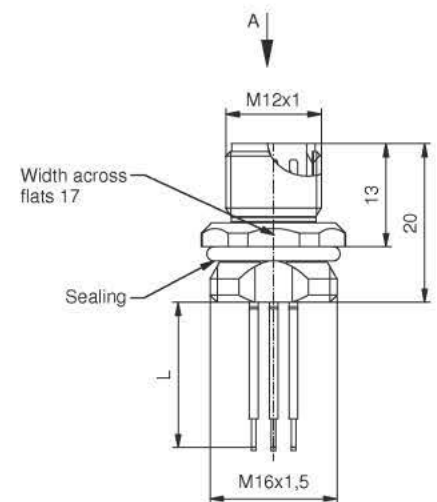
4-pos



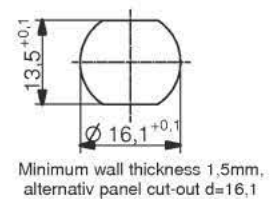
Contact Assignment

- 1 brown
- 2 Profibus-A green
- 3 blue
- 4 Profibus-B red

Dimension



Cut-Out Front Panel



ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG22, UL	0,5m	SAL-12B-FS4.3-0,5	43-01043

Suitable counter nut in section 9

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket with wire, frontmounting, PG9-thread



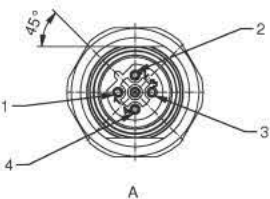
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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

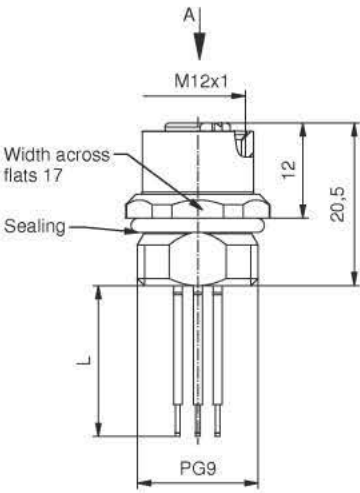
4-pos



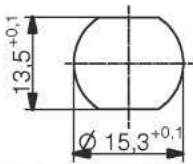
Contact Assignment

- 1 brown
- 2 Profibus-A green
- 3 blue
- 4 Profibus-B red

Dimension



Cut-Out Front Panel



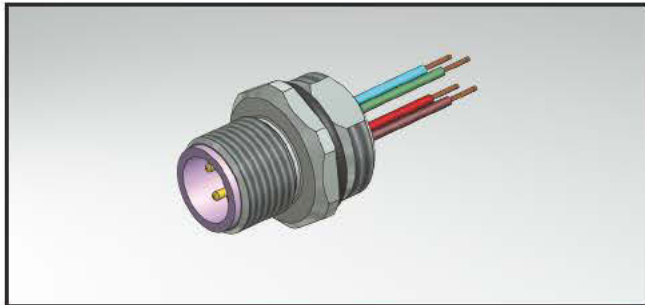
Minimum wall thickness 1,5mm,
alternativ panel cut-out d=15,3

ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG22, UL	0,5m	SAL-12B-FK4.3-0,5-9	43-01109

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket with wire, frontmounting, PG9-thread



RoHS compliant

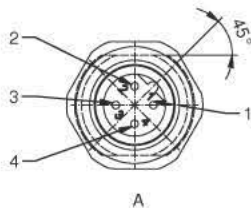
TECHNICAL DATA

Rated voltage	4-pos 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	≥ 100

PRODUCT DRAWING

Pin Configuration

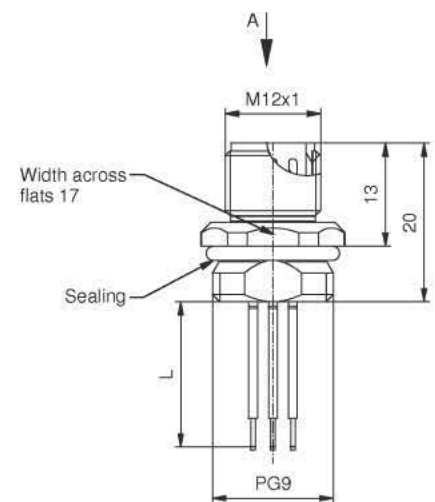
4-pos



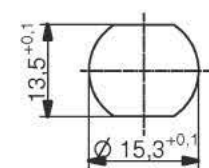
Contact Assignment

- 1 brown
- 2 Profibus-A green
- 3 blue
- 4 Profibus-B red

Dimension



Cut-Out Front Panel



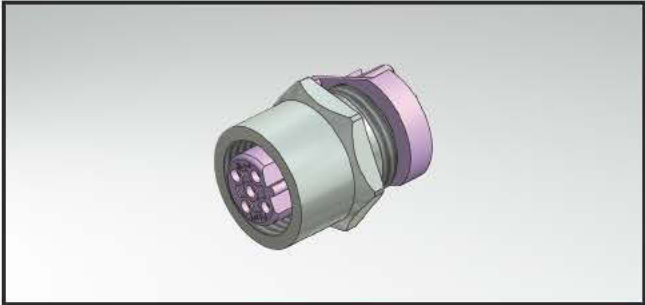
Minimum wall thickness 1,5mm,
alternativ panel cut-out d=15,3

ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG22, UL	0,5m	SAL-12B-FS4.3-0,5-9	43-01110

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, frontmounting, axial, with shroud, installation height 5,5mm



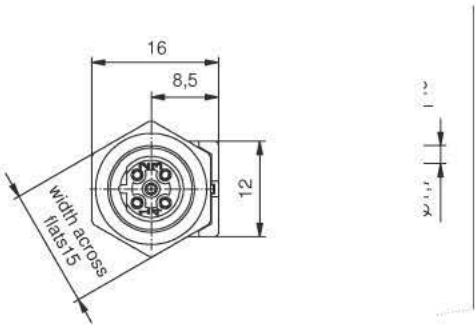
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>=100

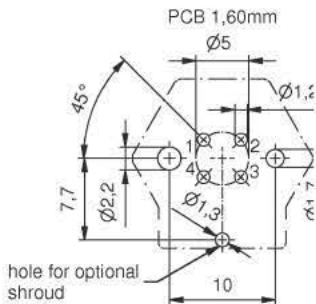
PRODUCT DRAWING

Pin Configuration

4-pos



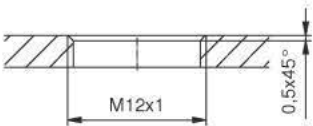
Hole Pattern Printing Board



Dimension



Screw-In Thread



ORDER DATA

Headroom	Description	4-pos Part-no.
5,5mm	SAL-12B-FK4-X5,5	43-01216

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, frontmounting, axial, with shroud, installation height 5,5mm



RoHS compliant

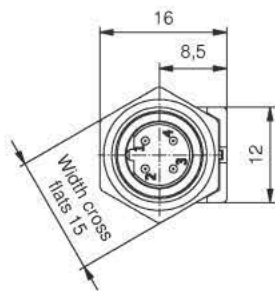
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

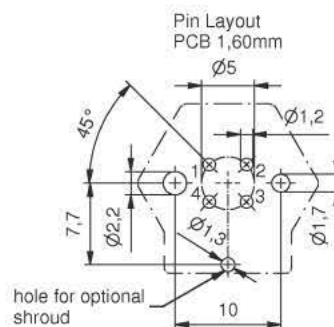
PRODUCT DRAWING

Pin Configuration

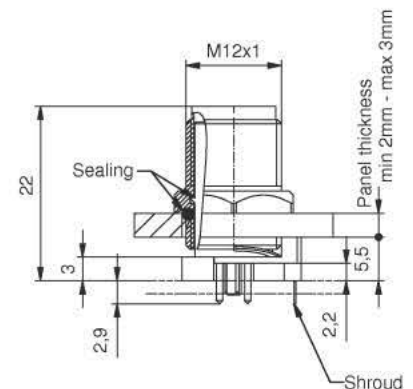
4-pos



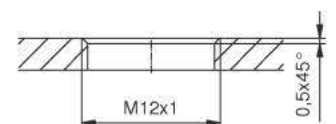
Hole Pattern Printing Board



Dimension



Screw-In Thread

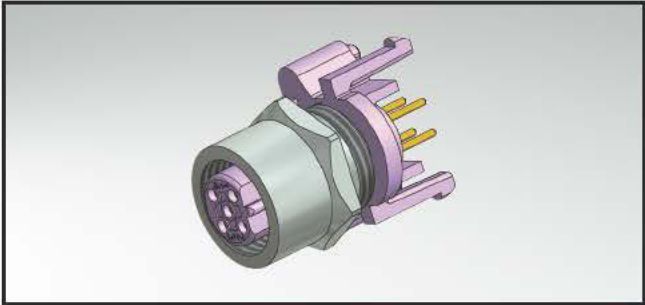


ORDER DATA

Headroom	Description	4-pos Part-no.
5,5mm	SAL-12B-FS4-X5,5	43-01218

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, frontmounting, axial, with shroud, installation height 10mm



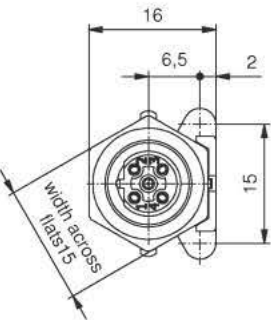
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

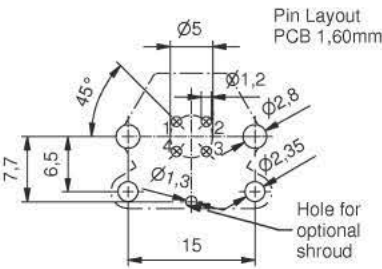
PRODUCT DRAWING

Pin Configuration

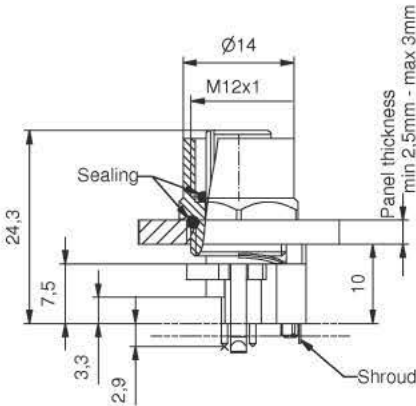
4-pos



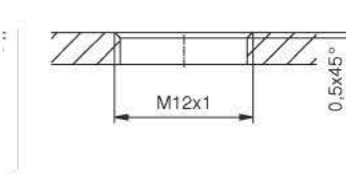
Hole Pattern Printing Board



Dimension



Screw-In Thread

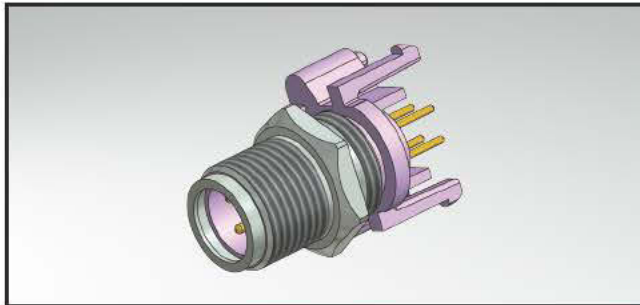


ORDER DATA

Headroom	Description	4-pos Part-no.
10mm	SAL-12B-FK4-X10	43-01212

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, frontmounting, axial, with shroud, installation height 10mm



RoHS compliant

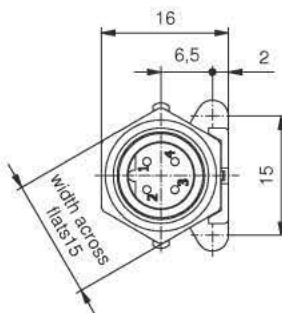
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

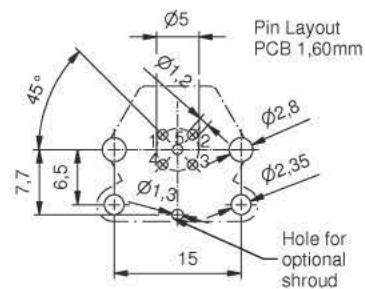
PRODUCT DRAWING

Pin Configuration

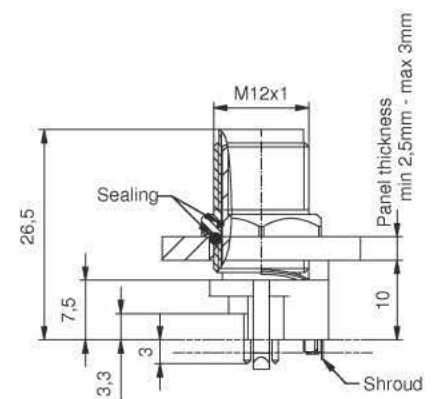
4-pos



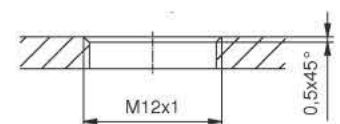
Hole Pattern Printing Board



Dimension



Screw-In Thread

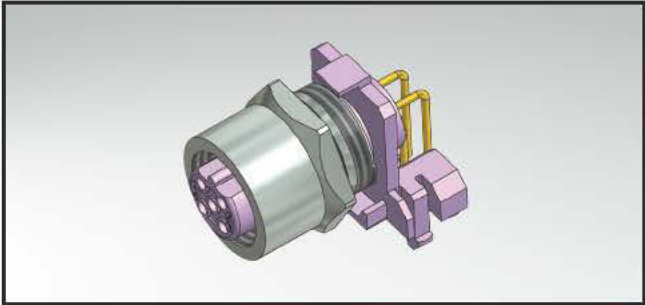


ORDER DATA

Headroom	Description	4-pos Part-no.
10mm	SAL-12B-FS4-X10	43-01214

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, frontmounting, angled, with shroud



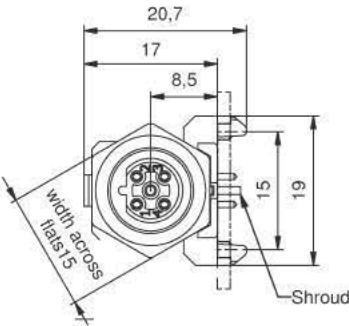
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

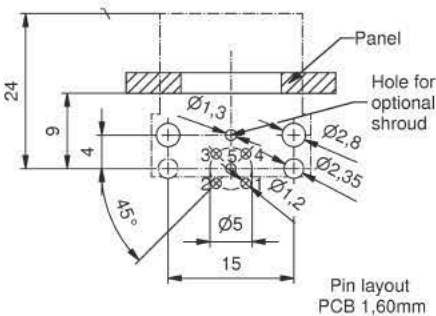
PRODUCT DRAWING

Pin Configuration

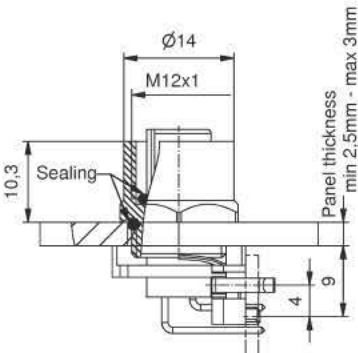
4-pos



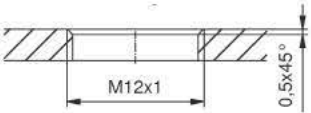
Hole Pattern Printing Board



Dimension



Screw-In Thread

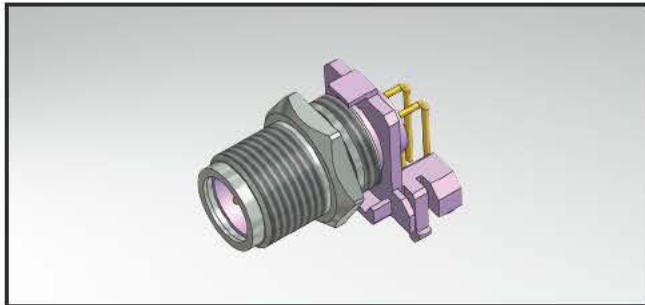


ORDER DATA

Description	4-pos Part-no.
SAL-12B-FKW4	43-01224

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, frontmounting, angled, with shroud



RoHS compliant

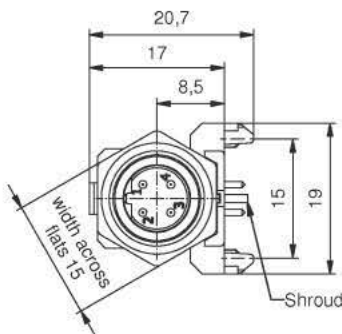
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

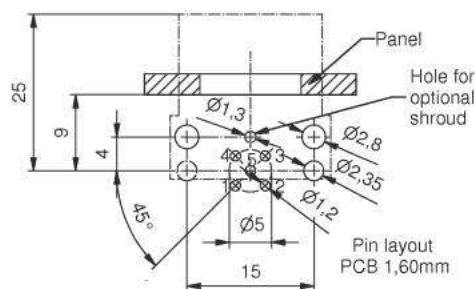
PRODUCT DRAWING

Pin Configuration

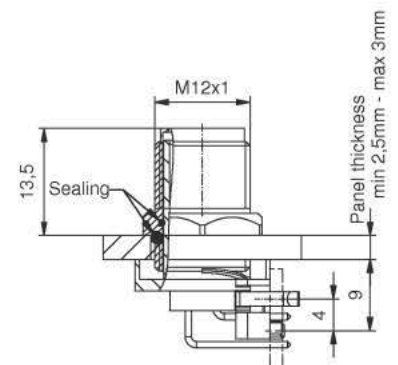
4-pos



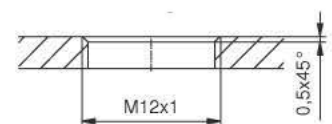
Hole Pattern Printing Board



Dimension



Screw-In Thread



ORDER DATA

Description	4-pos Part-no.
SAL-12B-FSW4	43-01226

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, backmounting, M16x1,5-thread



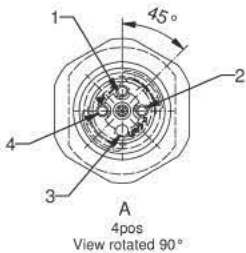
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

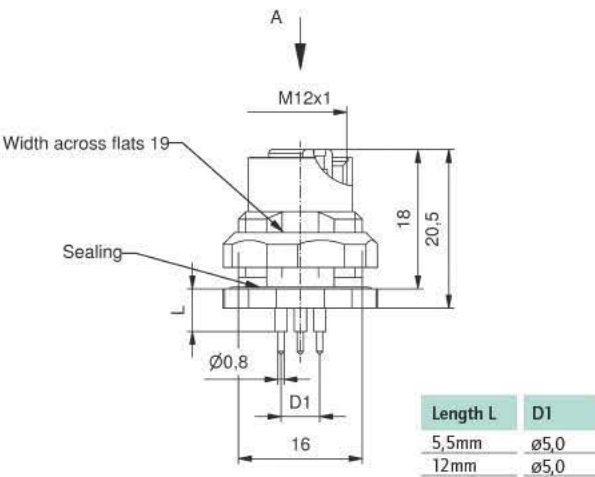
PRODUCT DRAWING

Pin Configuration

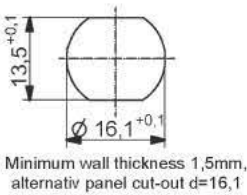
4-pos



Dimension



Cut-Out Front Panel



ORDER DATA

Length/L Contacts	Description	4-pos Part-no.
5,5mm	SAL-12B-FKH4-P5,5	43-01123
12mm	SAL-12B-FKH4-P12	43-01124

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, backmounting, M16x1,5-thread



RoHS compliant

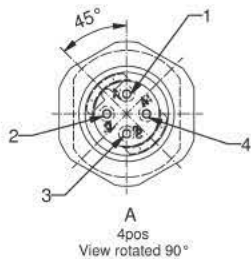
TECHNICAL DATA

Rated voltage	4-pos 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 +85 °C
Mating cycles	≥ 100

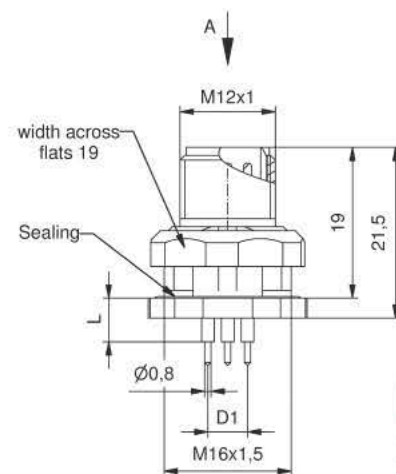
PRODUCT DRAWING

Pin Configuration

4-pos

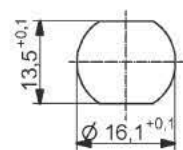


Dimension



Length L	D1
5,5mm	ø5,0
12mm	ø5,0

Cut-Out Front Panel



Minimum wall thickness 1,5mm,
alternativ panel cut-out d=16,1

ORDER DATA

Length/L Contacts	Description	4-pos Part-no.
5,5mm	SAL-12B-FSH4-P5,5	43-01125
12mm	SAL-12B-FSH4-P12	43-01126

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, backmounting, PG9-thread



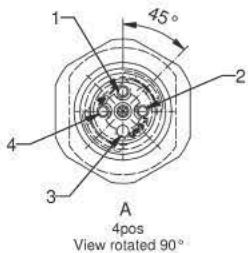
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>=100

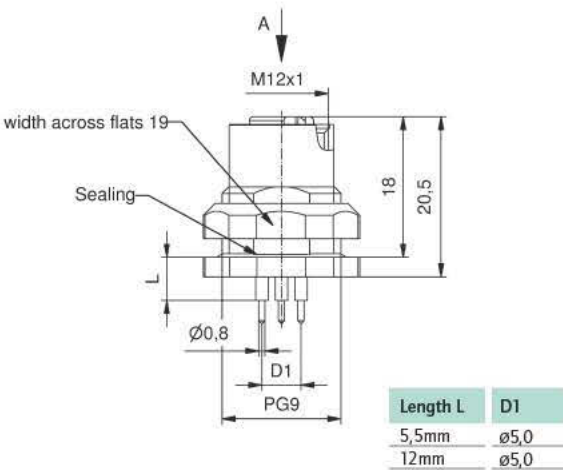
PRODUCT DRAWING

Pin Configuration

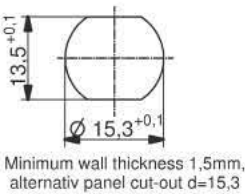
4-pos



Dimension



Cut-Out Front Panel



ORDER DATA

Length/L Contacts	Description	4-pos Part-no.
5,5mm	SAL-12B-FKH4-P5,5-9	43-01249
12mm	SAL-12B-FKH4-P12-9	43-01250

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, backmounting, PG9-thread



RoHS compliant

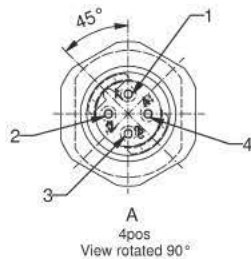
TECHNICAL DATA

Rated voltage	4-pos 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 +85 °C
Mating cycles	≥ 100

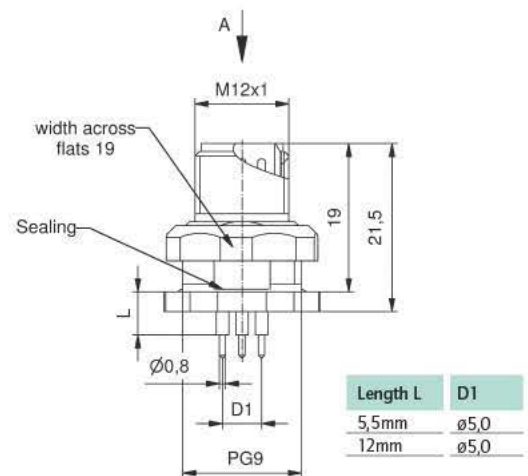
PRODUCT DRAWING

Pin Configuration

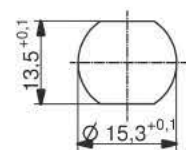
4-pos



Dimension



Cut-Out Front Panel



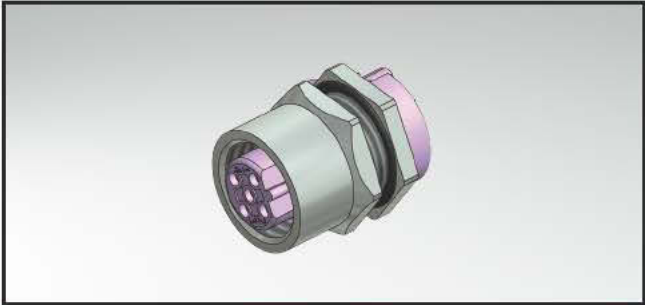
Minimum wall thickness 1,5mm,
alternativ panel cut-out d=15,3

ORDER DATA

Length/L Contacts	Description	4-pos Part-no.
5,5mm	SAL-12B-FSH4-P5,5-9	43-01251
12mm	SAL-12B-FSH4-P12-9	43-01252

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, backmounting, axial, with shroud, installation height 5,5mm



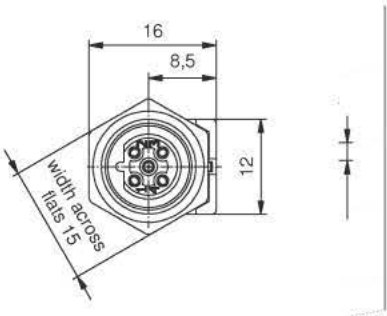
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

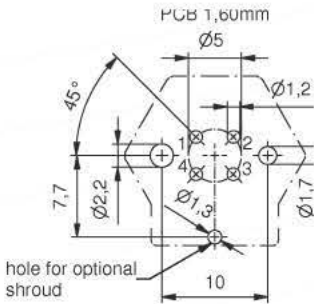
PRODUCT DRAWING

Pin Configuration

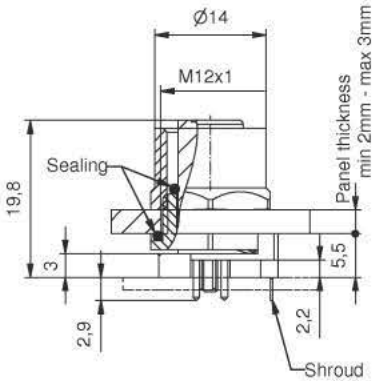
4-pos



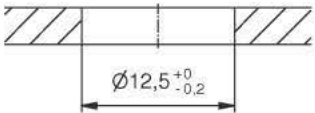
Hole Pattern Printing Board



Dimension



Feedthrough



ORDER DATA

Headroom	Description	4-pos Part-no.
5,5mm	SAL-12B-FKH4-X5,5	43-01217

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, backmounting, axial, with shroud, installation height 5,5mm



RoHS compliant

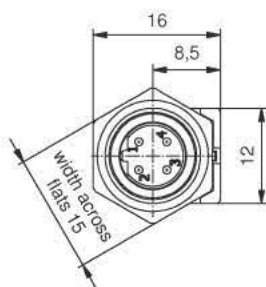
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

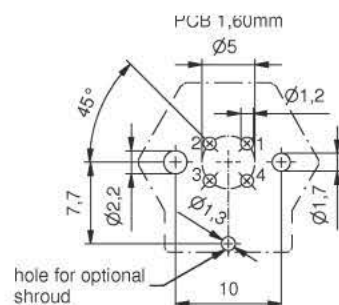
PRODUCT DRAWING

Pin Configuration

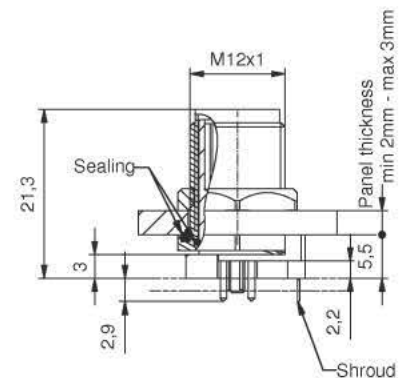
4-pos



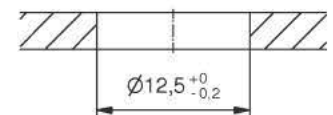
Hole Pattern Printing Board



Dimension



Feedthrough

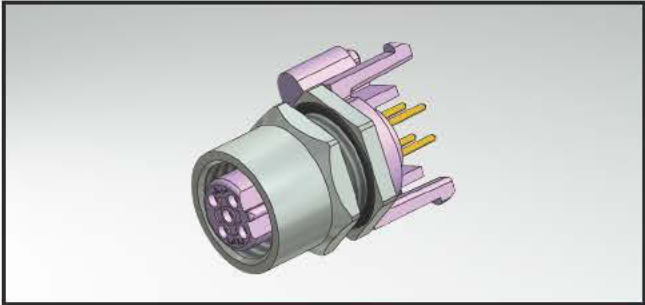


ORDER DATA

Headroom	Description	4-pos Part-no.
5,5mm	SAL-12B-FSH4-X5,5	43-01219

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, backmounting, axial, with shroud, installation height 10mm



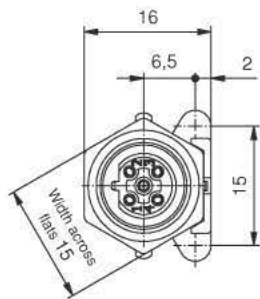
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

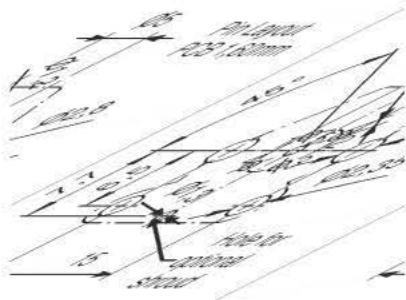
PRODUCT DRAWING

Pin Configuration

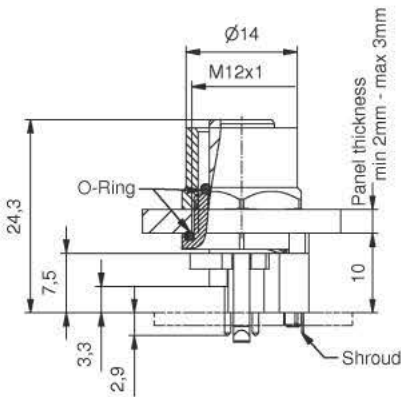
4-pos



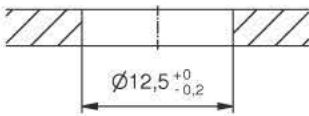
Hole Pattern Printing Board



Dimension



Feedthrough

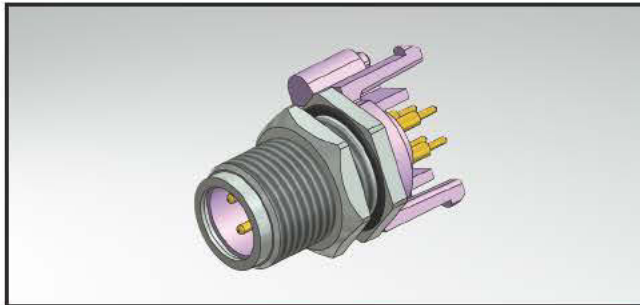


ORDER DATA

Headroom	Description	4-pos Part-no.
10mm	SAL-12B-FKH4-X10	43-01213

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, backmounting, axial, with shroud, installation height 10mm



RoHS compliant

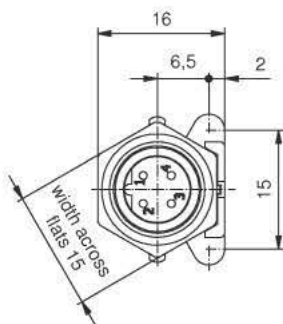
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

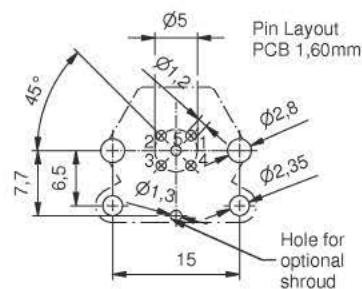
PRODUCT DRAWING

Pin Configuration

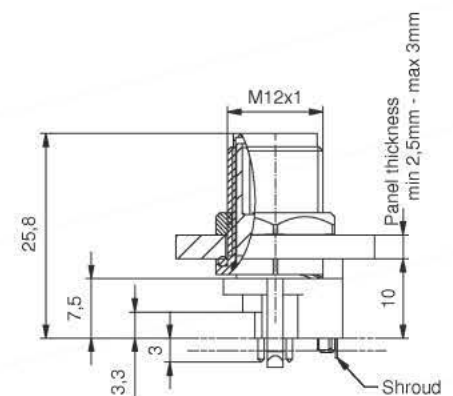
4-pos



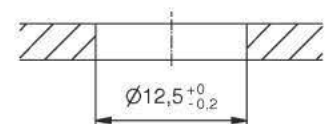
Hole Pattern Printing Board



Dimension



Feedthrough

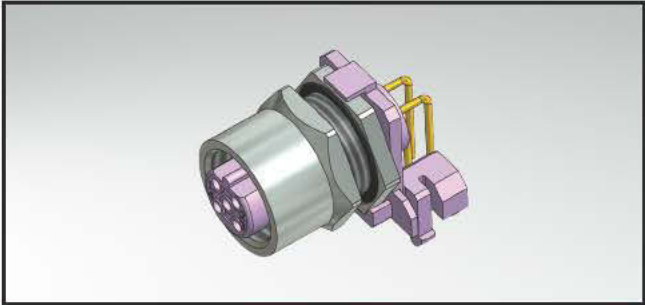


ORDER DATA

Headroom	Description	4-pos Part-no.
10mm	SAL-12B-FSH4-X10	43-01215

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket dip-solder, backmounting, angled, with shroud



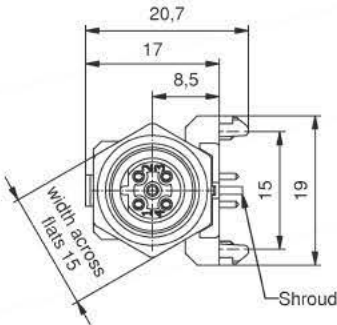
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

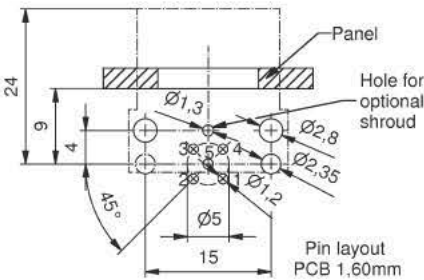
PRODUCT DRAWING

Pin Configuration

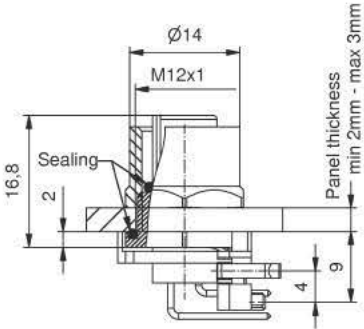
4-pos



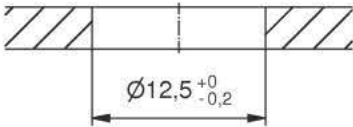
Hole Pattern Printing Board



Dimension



Feedthrough

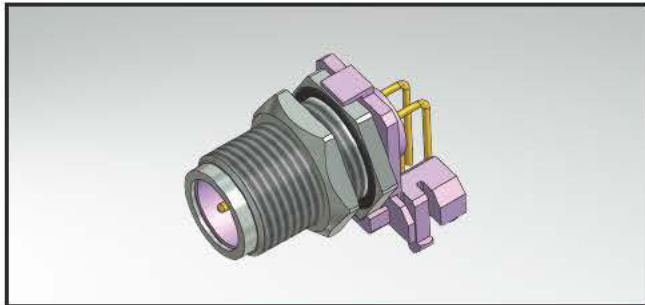


ORDER DATA

Description	4-pos Part-no.
SAL-12B-FKHW4	43-01225

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket dip-solder, backmounting, angled, with shroud



RoHS compliant

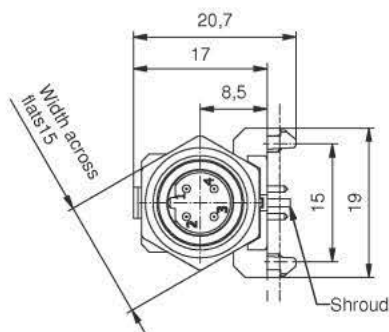
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

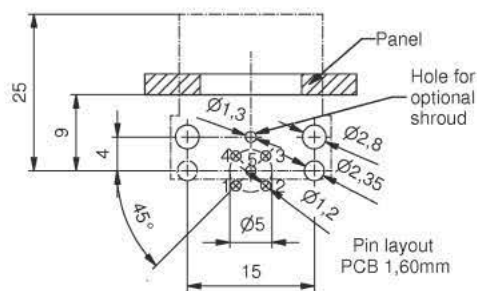
PRODUCT DRAWING

Pin Configuration

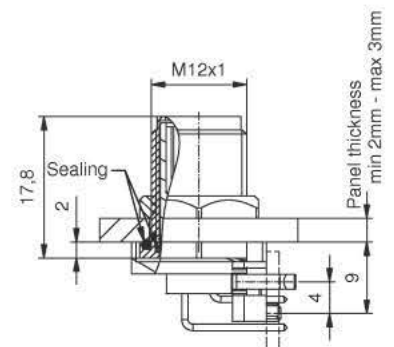
4-pos



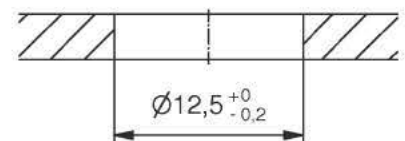
Hole Pattern Printing Board



Dimension



Feedthrough

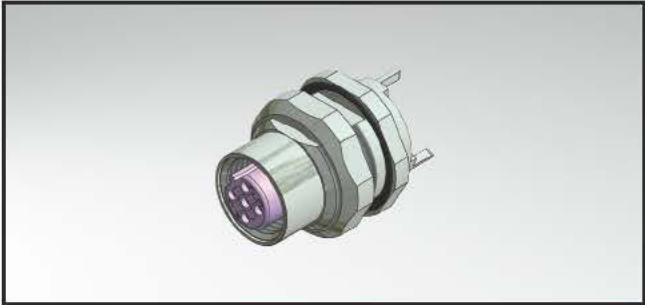


ORDER DATA

Description	4-pos Part-no.
SAL-12B-FSHW4	43-01227

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket with shielded connection, backmounting, dip-solder

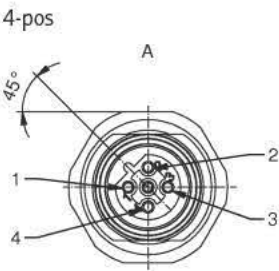


RoHS compliant

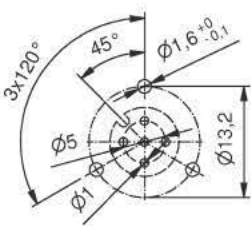
TECHNICAL DATA	
Rated voltage	4-pos 250V
Current rating	4A at +40°C
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-30°C to +85°C
Mating cycles	>= 100

PRODUCT DRAWING

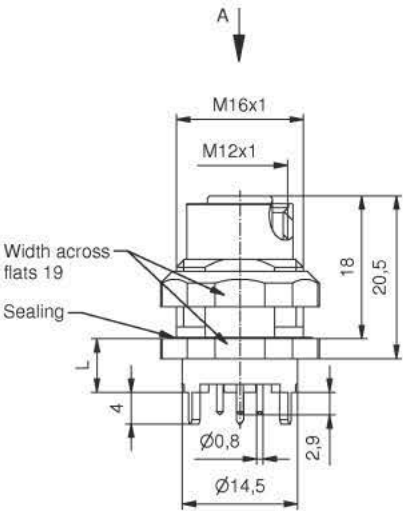
Pin Configuration



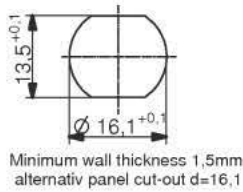
Hole Pattern Printing Board



Dimension



Cut-Out Front Panel

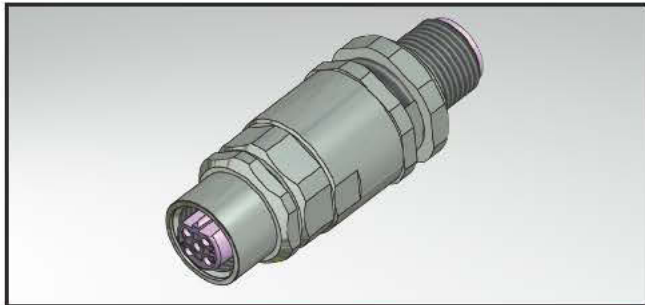


ORDER DATA

Description	4-pos Part-no.
SAL-12B-FKH4-P6,7,5	43-01689

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Lead through for switch case, male socket (fixed) – female socket (positioning possible)



RoHS compliant

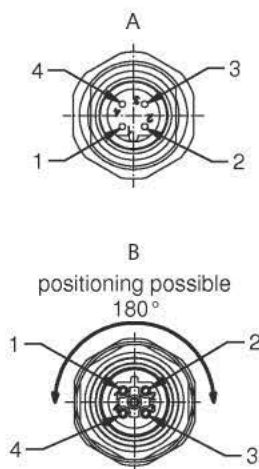
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

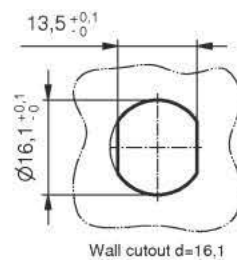
PRODUCT DRAWING

Pin Configuration

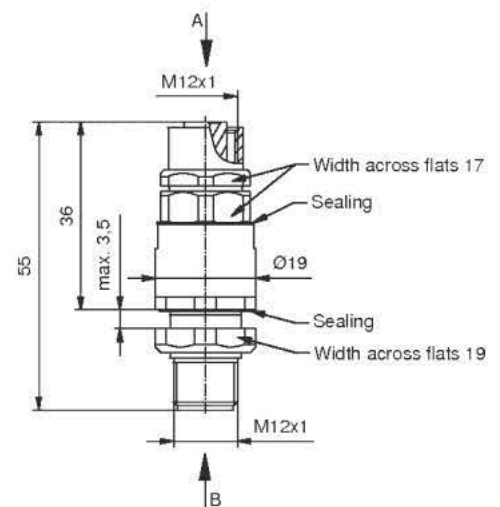
4-pos



Wall cutout



Dimension



ORDER DATA

Description	4-pos Part-no.
SAL-12B-FSH4-FKP4-WD	43-01693

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Terminating plug



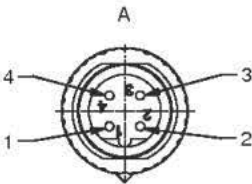
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 160V
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-30°C to +70°C
Mating cycles	>= 100

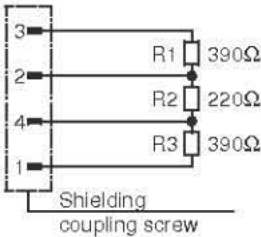
PRODUCT DRAWING

Pin Configuration

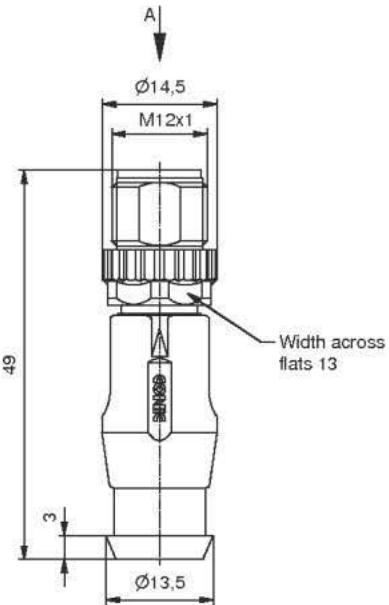
4-pos



Contact Assignment



Dimension



ORDER DATA

Description	4-pos Part-no.
SAL-12B-RSA4.1	43-12483

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Female socket with cable, backmounting



RoHS compliant

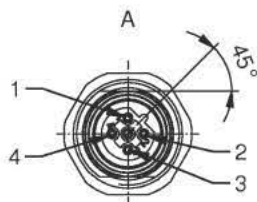
TECHNICAL DATA

Rated voltage	4-pos 160V
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 +60°C
Mating cycles	≥ 100

PRODUCT DRAWING

Pin Configuration

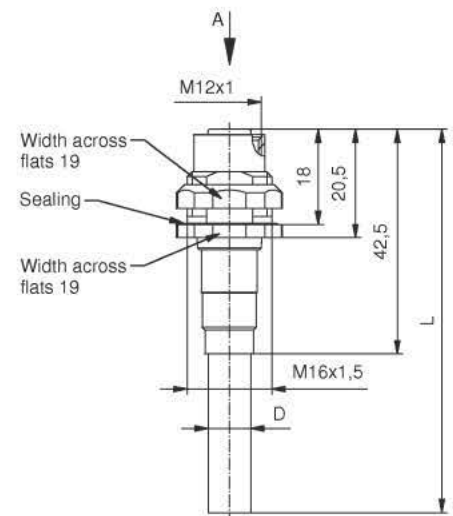
4-pos



Contact Assignment

1	n.c.
2	Profibus-A green
3	n.c.
4	Profibus-B red
	Shielding socket housing

Dimension



Cut-Out Front Panel



ORDER DATA

Cable	Length/ L	Description	4-pos Part-no.
PVC UL violet (RAL4001) O2YSY(ST)CY 2xAWG22	0,5m	SAL-12B-FKH4.1-0,5/G5	43-01654
	1m	SAL-12B-FKH4.1-1/G5	43-01655
	2m	SAL-12B-FKH4.1-2/G5	43-01656
TPU UL violet (RAL4001) O2YSH(ST)CH 2xAWG22	0,5m	SAL-12B-FKH4.1-0,5/G4	43-01648
	1m	SAL-12B-FKH4.1-1/G4	43-01649
	2m	SAL-12B-FKH4.1-2/G4	43-01650

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Male socket with cable, backmounting



RoHS compliant

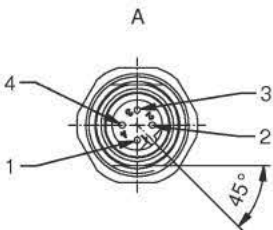
TECHNICAL DATA

Rated voltage	4-pos 160V
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 +60°C
Mating cycles	>= 100

PRODUCT DRAWING

Pin Configuration

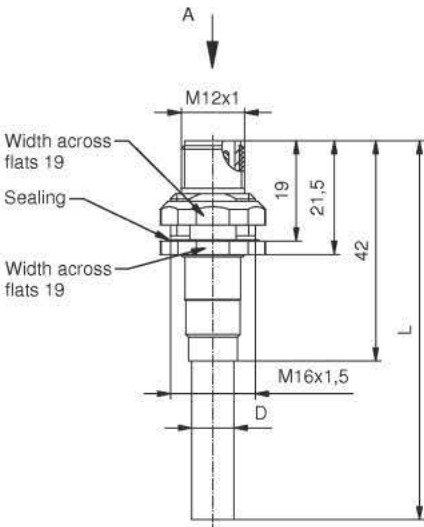
4-pos



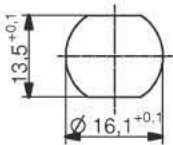
Contact Assignment

1	n.c.
2	Profibus-A green
3	n.c.
4	Profibus-B red
	Shielding socket housing

Dimension



Cut-Out Front Panel



Minimum wall thickness 1,5mm, alternativ panel cut-out d=16,1

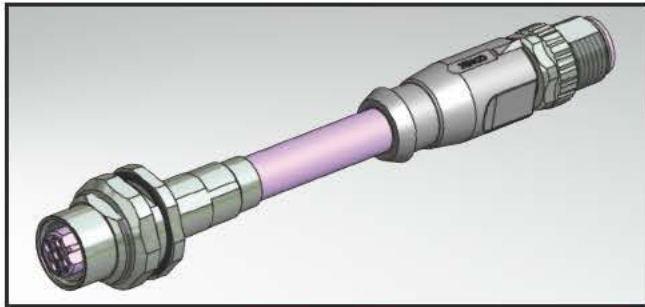
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC UL violet (RAL4001) 02YSY(ST)CY 2xAWG22	0,5m	SAL-12B-FSH4.1-0,5/G5	43-01657
	1m	SAL-12B-FSH4.1-1/G5	43-01658
	2m	SAL-12B-FSH4.1-2/G5	43-01659
TPU UL violet (RAL4001) 02YSH(ST)CH 2xAWG22	0,5m	SAL-12B-FSH4.1-0,5/G4	43-01651
	1m	SAL-12B-FSH4.1-1/G4	43-01652
	2m	SAL-12B-FSH4.1-2/G4	43-01653

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – B-CODING PROFIBUS DP

Connecting Cable Female socket with cable, backmounting – Male connector, axial



RoHS compliant

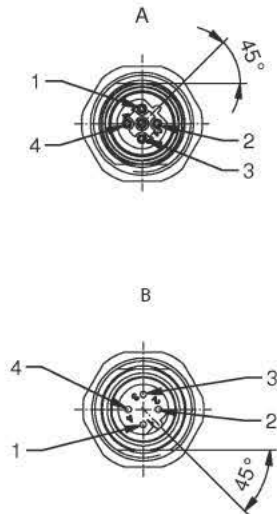
TECHNICAL DATA

Rated voltage	4-pos 160V
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 +60°C
Mating cycles	>= 100

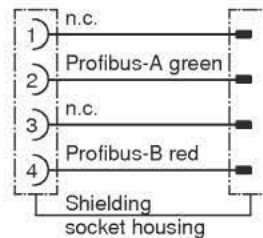
PRODUCT DRAWING

Pin Configuration

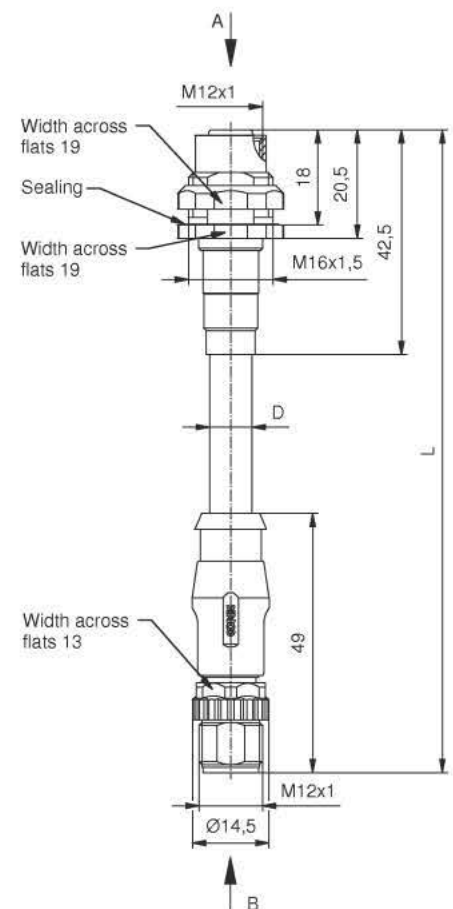
4-pos



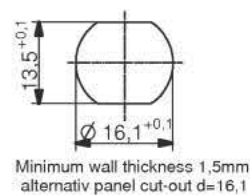
Contact Assignment



Dimension



Cut-Out Front Panel



ORDER DATA

Cable	Length/ L	Description	4-pos Part-no.
TPU violet (RAL4001) O2YSH(ST)CH 2xAWG22	1m	SAL-12B-FKH4.1-RS4.1-1 / G4	43-01670
	2m	SAL-12B-FKH4.1-RS4.1-2 / G4	43-01671
	0.5m	SAL-12B-FKH4.1-RS4.1-0.5 / G4	43-01669

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Male connector, axial with 360°-shielding



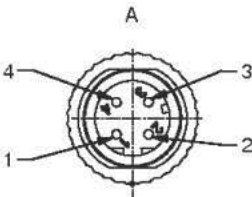
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 160V
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 +70°C
Mating cycles	>= 100

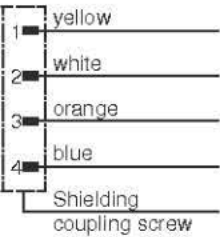
PRODUCT DRAWING

Pin Configuration

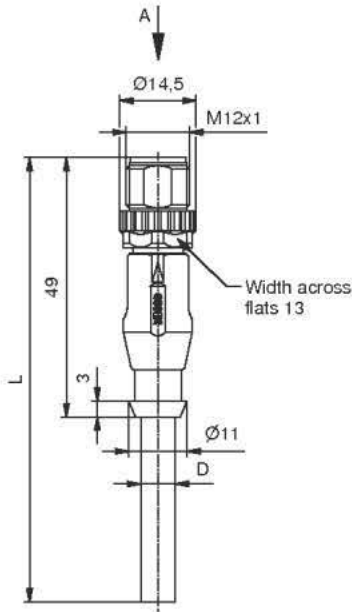
4-pos



Contact Assignment



Dimension



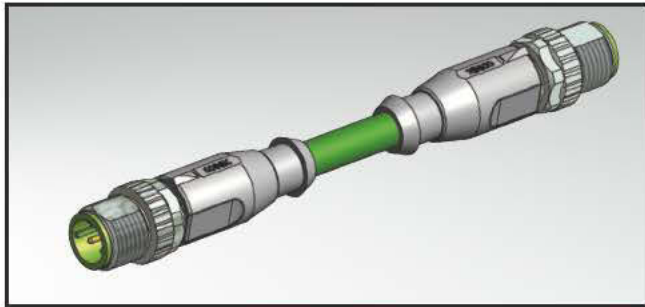
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
TPU UL halogenfree green (RAL 6018) 4xAWG22	2m	SAL-12D-RS4.2-2 / G6	43-10944
	3m	SAL-12D-RS4.2-3 / G6	43-10945
	5m	SAL-12D-RS4.2-5 / G6	43-10946
	10m	SAL-12D-RS4.2-10 / G6	43-10947

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Connecting cable with 360°-shielding



RoHS compliant

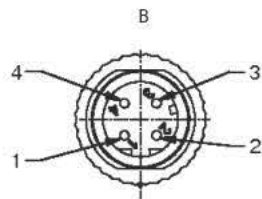
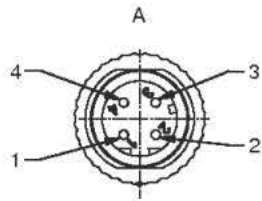
TECHNICAL DATA

Rated voltage	4-pos 160V
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 +70°C
Mating cycles	≥ 100

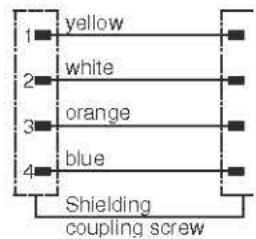
PRODUCT DRAWING

Pin Configuration

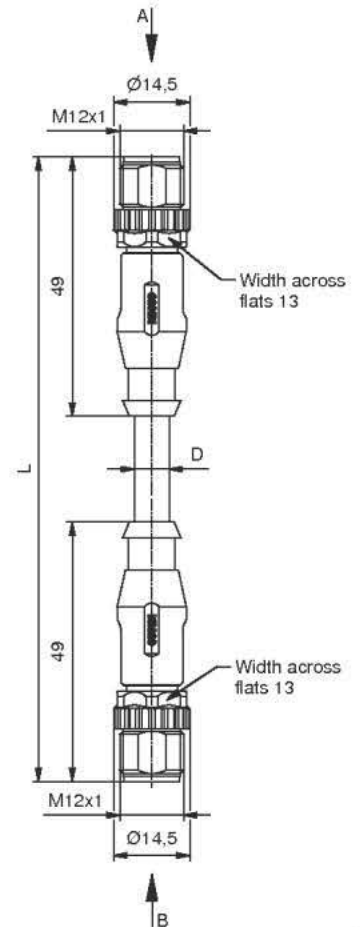
4-pos



Contact Assignment



Dimension



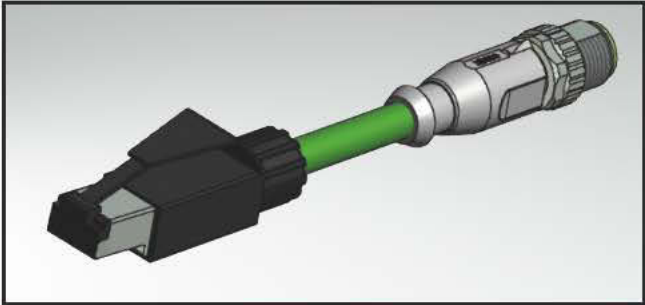
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
TPU UL halogenfree green (RAL 6018) 4xAWG22	0,3m	SAL-12D-RS4.2-RS4.2-0,3 / G6	43-10948
	0,6m	SAL-12D-RS4.2-RS4.2-0,6 / G6	43-10949
	1,5m	SAL-12D-RS4.2-RS4.2-1,5 / G6	43-10950
	3m	SAL-12D-RS4.2-RS4.2-3 / G6	43-10951

For custom length or quality levels contact factory

SAL RJ45/M12x1 CONNECTORS

Connecting cable RJ45 Male connector – M12x1 Male connector, axial



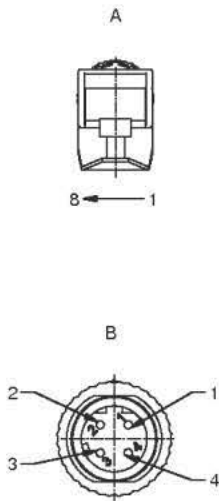
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 48V
Current rating	350mA at 40°C
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	RJ45: IP20 connected/ M12x1: IP67 in mated condition
Temperature range	-30°C to +70°C
Mating cycles	>=100

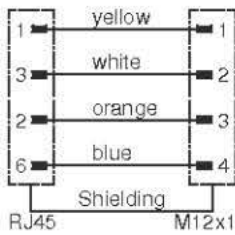
PRODUCT DRAWING

Pin Configuration

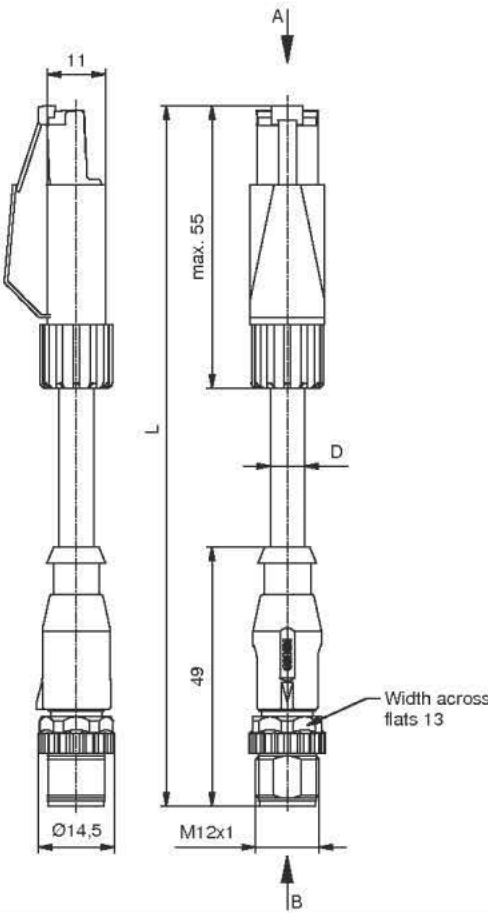
4-pos



Contact Assignment



Dimension



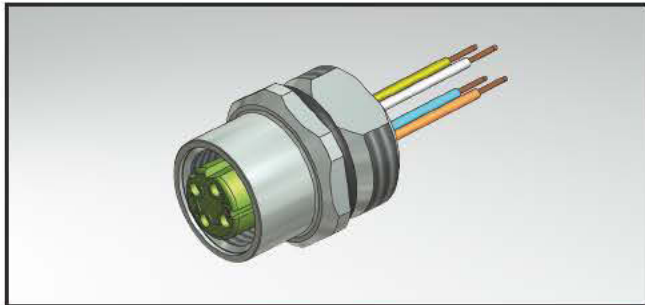
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
TPU UL, halogenfree green (RAL 6018) 4xAWG22	0,3m	SAL-45-SS4-12D-RS4.2-0,3/G6	43-12484
	0,6m	SAL-45-SS4-12D-RS4.2-0,6/G6	43-12485
	1,5m	SAL-45-SS4-12D-RS4.2-1,5/G6	43-10996
	3m	SAL-45-SS4-12D-RS4.2-3/G6	43-10997

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket with wire, frontmounting, M16x1,5-thread



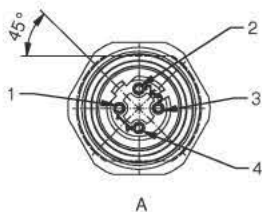
RoHS compliant

TECHNICAL DATA

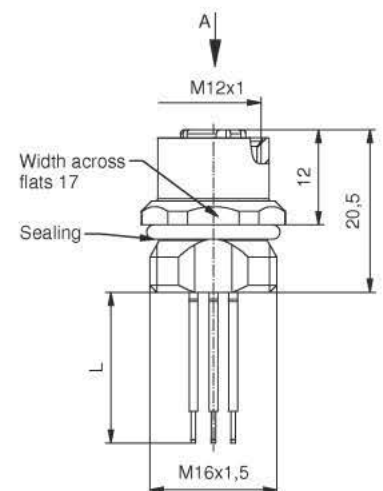
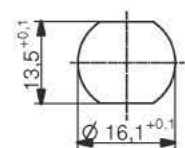
Rated voltage	4-pos 250V
Current rating	4A at +40°C
Pollution degree	3 / 2
Insulation resistance	$\geq 100 \text{ M}\Omega$
Degree of protection	IP67 in mated condition
Temperature range	-30°C to +80°C
Mating cycles	≥ 100

PRODUCT DRAWING**Pin Configuration**

4-pos

**Contact Assignment**

- 1 yellow
- 2 white
- 3 orange
- 4 blue

Dimension**Cut-Out Front Panel**

Minimum wall thickness 1.5mm,
alternativ panel cut-out d=16.1

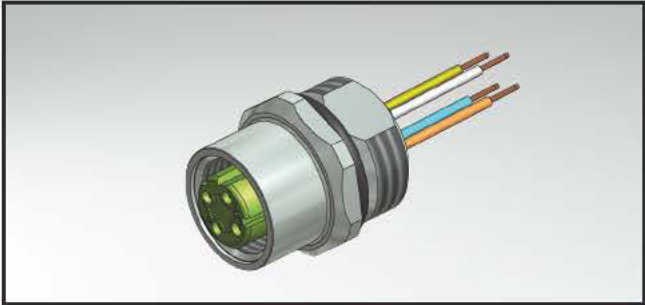
ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG22, UL	0.5m	SAL-12D-FK4.2-0,5	43-01044

Suitable counter nut in section 9

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket with wire, frontmounting, PG9-thread



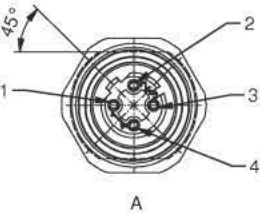
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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

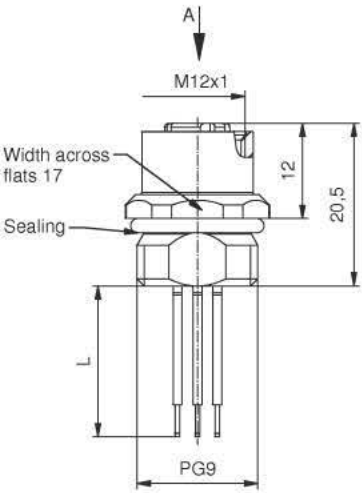
4-pos



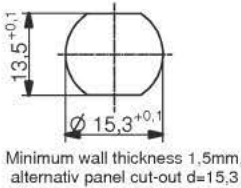
Contact Assignment

- 1) yellow
- 2) white
- 3) orange
- 4) blue

Dimension



Cut-Out Front Panel



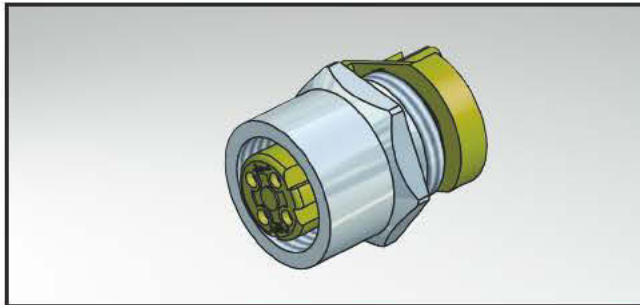
ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG22, UL	0,5m	SAL-12D-FK4.2-0,5-9	43-01111

Suitable counter nut in section 9

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, frontmounting, axial, with shroud, installation height 5,5mm



RoHS compliant

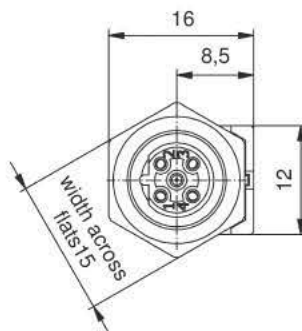
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

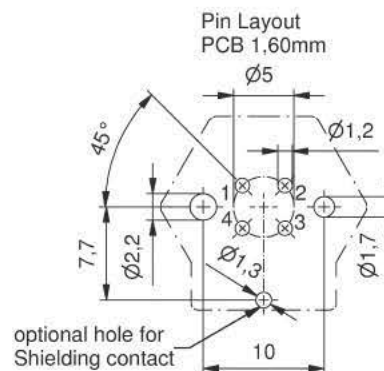
PRODUCT DRAWING

Pin Configuration

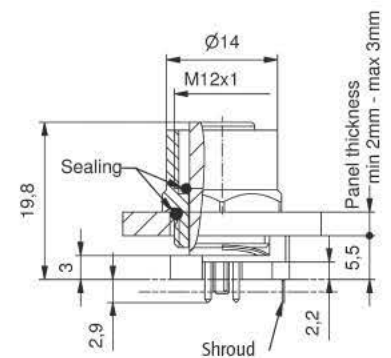
4-pos



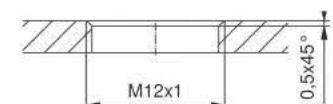
Hole Pattern Printing Board



Dimension



Screw-In Thread

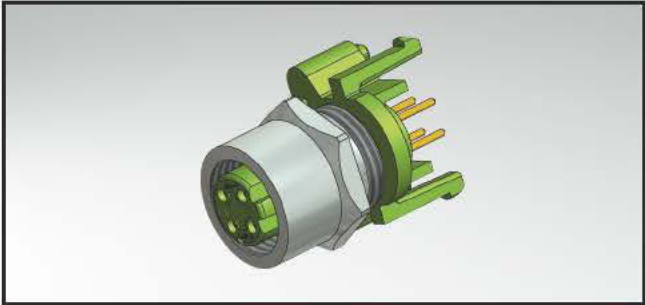


ORDER DATA

Headroom	Description	4-pos Part-no.
5,5mm	SAL-12D-FK4-X5,5	43-01222

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, frontmounting, axial, with shroud, installation height 10mm



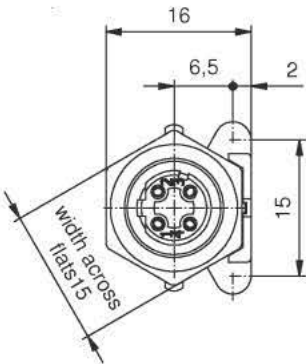
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

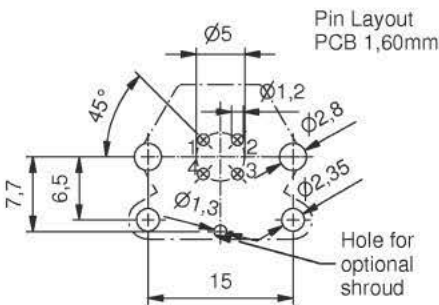
PRODUCT DRAWING

Pin Configuration

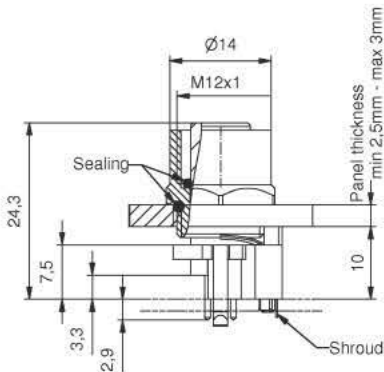
4-pos



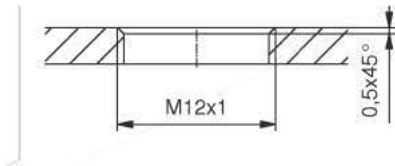
Hole Pattern Printing Board



Dimension



Screw-In Thread

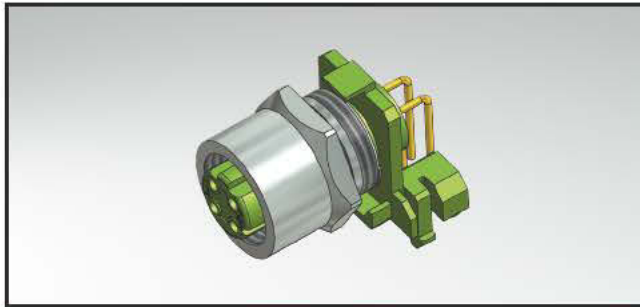


ORDER DATA

Headroom	Description	4-pos Part-no.
10mm	SAL-12D-FK4-X10	43-01220

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, frontmounting, angled, with shroud



RoHS compliant

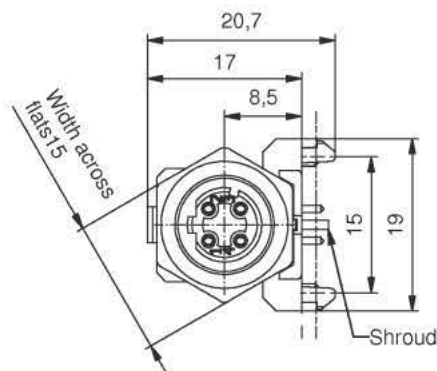
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

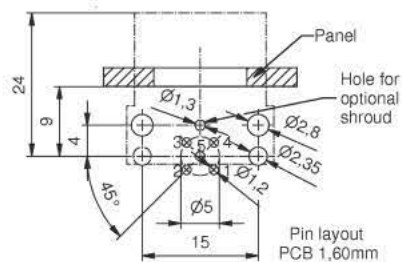
PRODUCT DRAWING

Pin Configuration

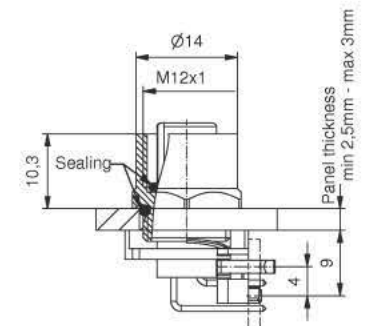
4-pos



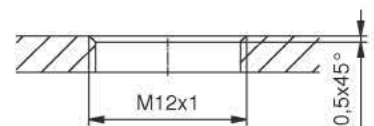
Hole Pattern Printing Board



Dimension



Screw-In Thread



ORDER DATA

Description	4-pos Part-no.
SAL-12D-FKW4	43-01228

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, backmounting, M16x1,5-thread



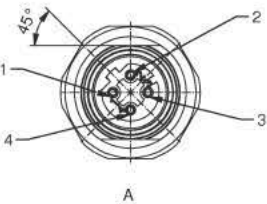
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 250V
Current rating	4A at +40 °C
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-40 °C to +85 °C
Mating cycles	>= 100

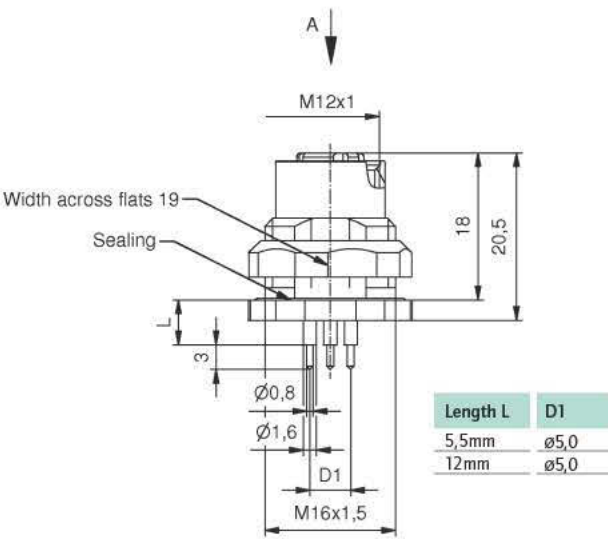
PRODUCT DRAWING

Pin Configuration

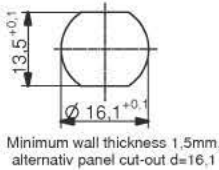
4-pos



Dimension



Cut-Out Front Panel



ORDER DATA

Length/L Contacts	Description	4-pos Part-no.
5,5mm	SAL-12D-FKH4.2-P5,5	43-01157
12mm	SAL-12D-FKH4.2-P12	43-01118

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, backmounting, PG9-thread



RoHS compliant

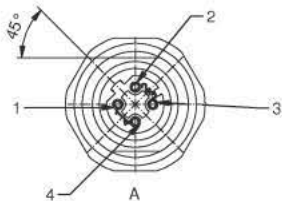
TECHNICAL DATA

Rated voltage	4-pos 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	-40°C to +85°C
Mating cycles	≥ 100

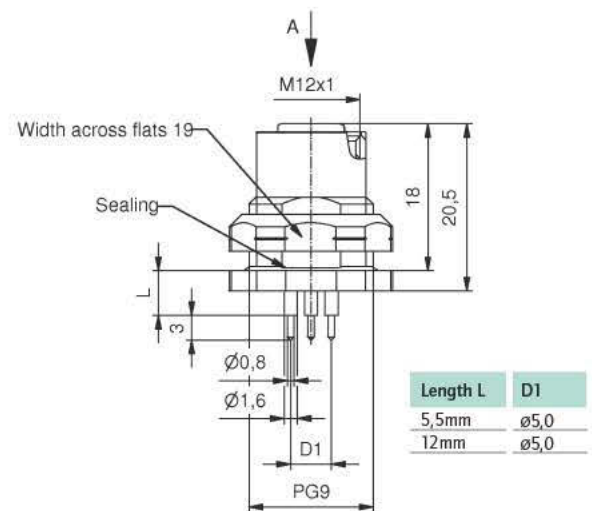
PRODUCT DRAWING

Pin Configuration

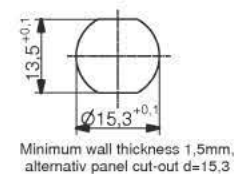
4-pos



Dimension



Cut-Out Front Panel

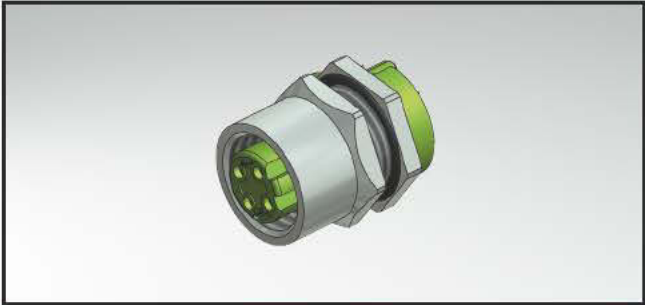


ORDER DATA

Length/L Contacts	Description	4-pos Part-no.
5,5mm	SAL-12D-FKH4.2-P5,5-9	43-01236
12mm	SAL-12D-FKH4.2-P12-9	43-01248

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, backmounting, axial, with shroud, installation height 5,5mm



RoHS compliant

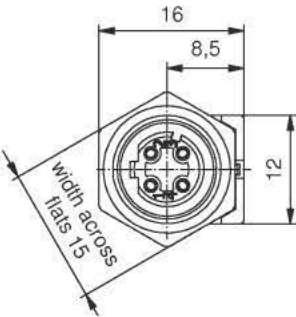
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	>=100

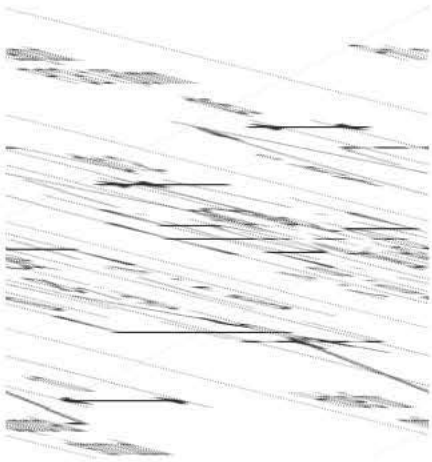
PRODUCT DRAWING

Pin Configuration

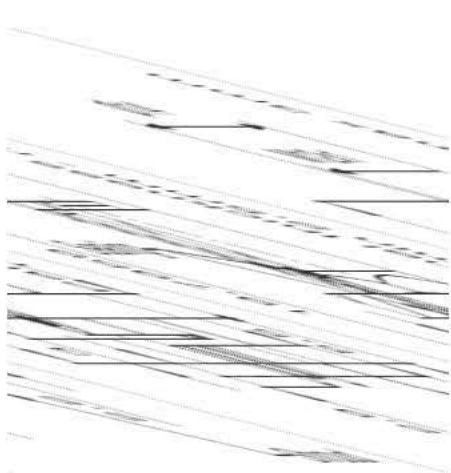
4-pos



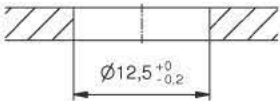
Hole Pattern Printing Board



Dimension



Feedthrough

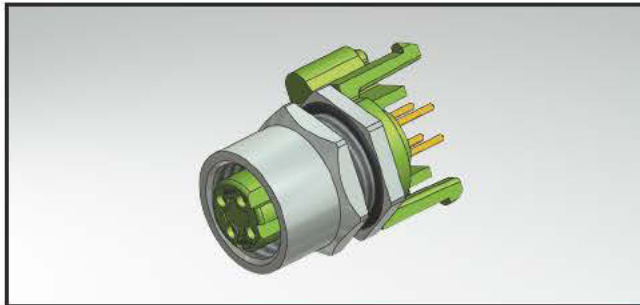


ORDER DATA

Headroom	Description	4-pos Part-no.
5,5mm	SAL-12D-FKH4-X5,5	43-01223

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, backmounting, axial, with shroud, installation height 10mm



RoHS compliant

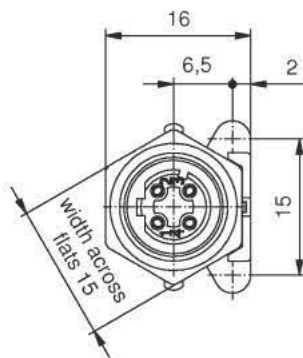
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

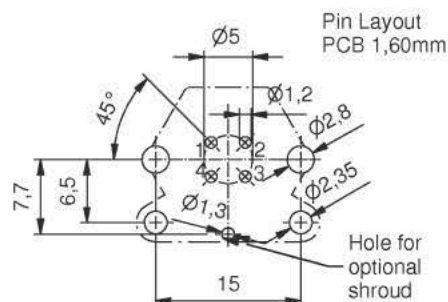
PRODUCT DRAWING

Pin Configuration

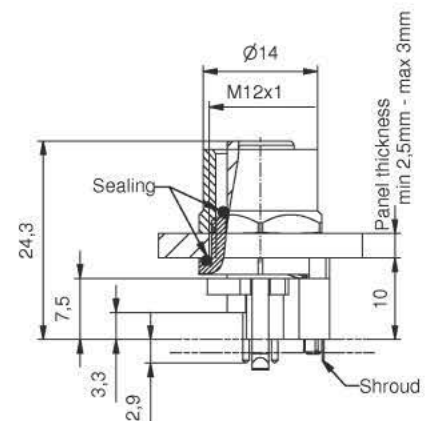
4-pos



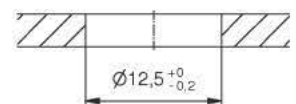
Hole Pattern Printing Board



Dimension



Feedthrough



ORDER DATA

Headroom	Description	4-pos Part-no.
10mm	SAL-12D-FKH4-X10	43-01221

SAL M12x1 Connectors – D-CODING INDUSTRIAL ETHERNET 100MHz

Female socket dip-solder, backmounting, angled, with shroud



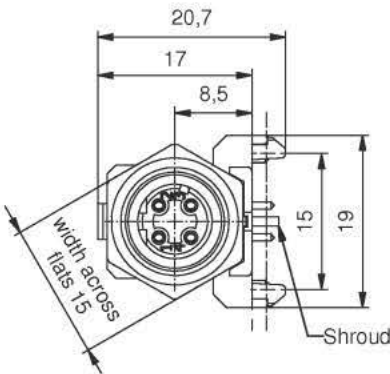
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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 +85°C
Mating cycles	>= 100

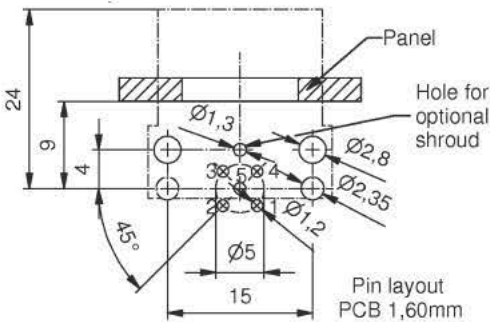
PRODUCT DRAWING

Pin Configuration

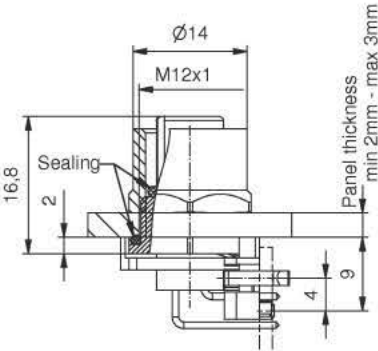
4-pos



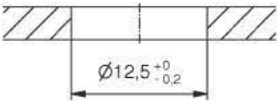
Hole Pattern Printing Board



Dimension



Feedthrough



ORDER DATA

Description	4-pos Part-no.
SAL-12D-FKHW4	43-01229

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET

Female socket with shielded connection, backmounting, dip-solder



RoHS compliant

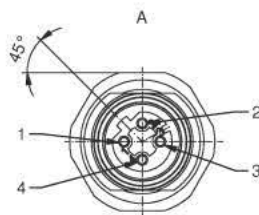
TECHNICAL DATA

Rated voltage	4-pos 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 +85°C
Mating cycles	≥ 100

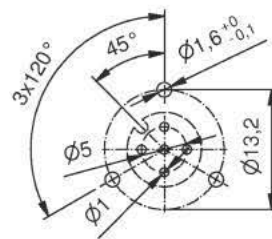
PRODUCT DRAWING

Pin Configuration

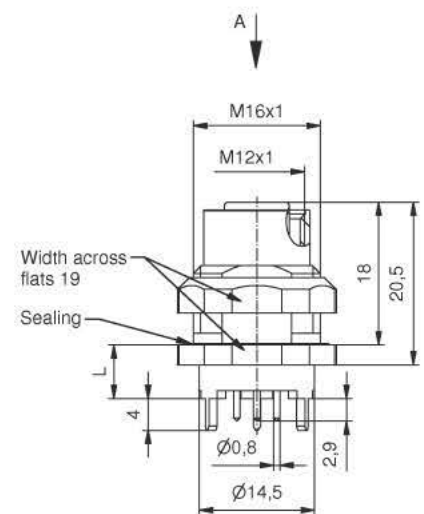
4-pos



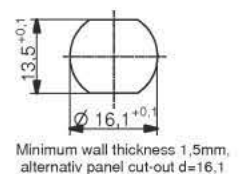
Pin layout PCB



Dimension



Cut-Out Front Panel



ORDER DATA

Length/L	Description	4-pos Part-no.
6,75mm	SAL-12D-FKH4-P6,75	43-01690

SAL M12x1 CONNECTORS – D-CODING INDUSTRIAL ETHERNET

Female socket with cable, backmounting



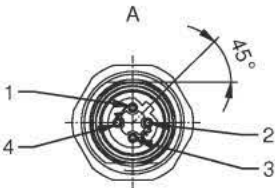
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 160V
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 +70 °C
Mating cycles	>= 100

PRODUCT DRAWING

Pin Configuration

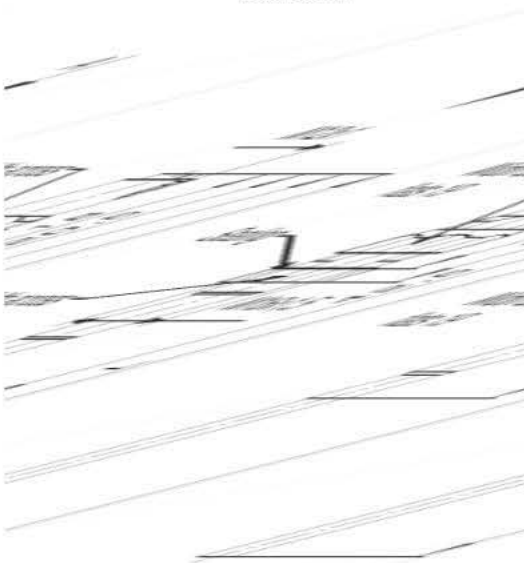
4-pos



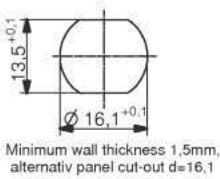
Contact Assignment



Dimension



Cut-Out Front Panel



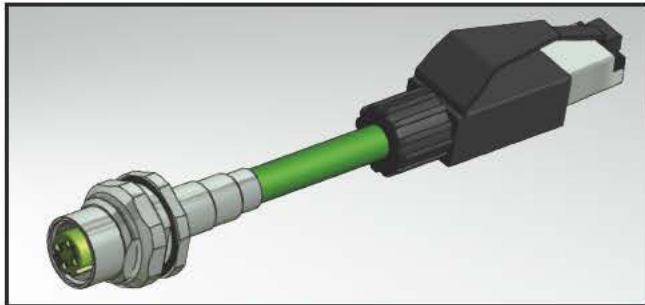
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
TPU UL halogenfree green (RAL 6018) 4xAWG22	0,5m	SAL-12D-FKH4.2-0,5 / G6	43-01660
	1m	SAL-12D-FKH4.2-1 / G6	43-01661
	2m	SAL-12D-FKH4.2-2 / G6	43-01662

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS RJ45 – M12x1 SOCKET D-CODING, INDUSTRIAL ETHERNET

Male socket RJ45 – M12x1 Female socket, with cable, backmounting



RoHS compliant

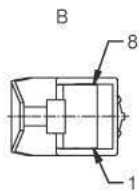
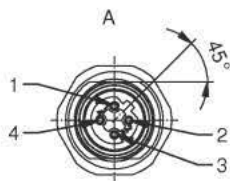
TECHNICAL DATA

Rated voltage	4-pos 48V
Current rating	350mA at 40 °C
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	RJ45: IP20 connected/ M12x1: IP67 in mated condition
Temperature range	-30 °C to +70 °C
Mating cycles	>= 100

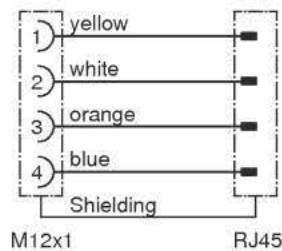
PRODUCT DRAWING

Pin Configuration

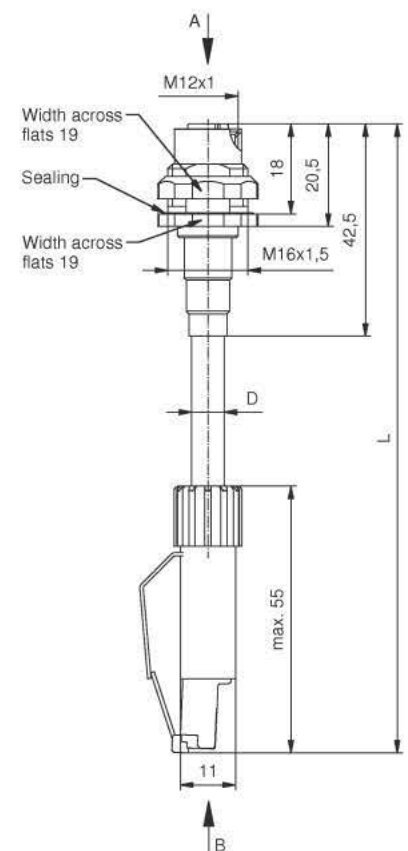
4-pos



Contact Assignment



Dimension

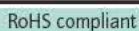


ORDER DATA

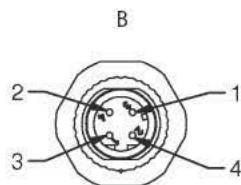
Cable	Length / L	Description	4-pos Part-no.
TPU UL halogenfree green (RAL 6018) 4xAWG22	0,5m	SAL-45-SS4-12D-FKH4.2-0,5 / G6	43-01678
	1m	SAL-45-SS4-12D-FKH4.2-1 / G6	43-01679
	2m	SAL-45-SS4-12D-FKH4.2-2 / G6	43-01680

For custom length or quality levels contact factory

Connecting Cable Female socket with cable, backmounting – Male connector, axial



Rated voltage	4-pos 160V
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 +70°C
Mating cycles	≥ 100



A diagram of a four-position shielded socket housing. It consists of a rectangular housing with four horizontal slots. Each slot is numbered 1 through 4 from top to bottom. To the right of each number is a color label: 1) yellow, 2) white, 3) orange, and 4) blue. Each slot contains a single-pin connector. The entire housing is labeled 'Shielding socket housing' at the bottom.

Minimum wall thickness 1,5mm,
alternativ panel cut-out d=16,

Technical drawing of a vertical rod assembly, showing dimensions and labels:

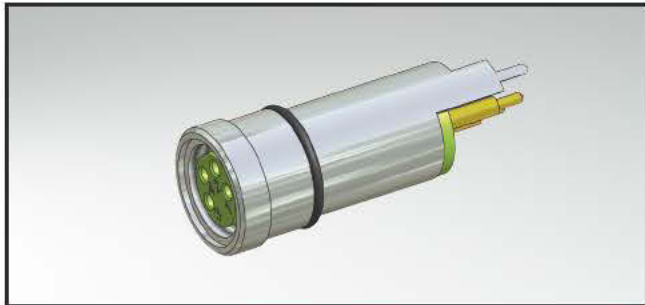
- Top Section:**
 - Thread: M12x1
 - Width across flats: 19
 - Sealing
 - Width across flats: 19
 - Dimension 18
 - Dimension 20,5
 - Dimension 42,5
 - Thread: M16x1,5
- Central Section:**
 - Dimension D
- Bottom Section:**
 - Width across flats: 13
 - Dimension 49
 - Thread: M12x1
 - Dimension Ø14,5
- Orientation:**
 - Arrow A points downwards at the top.
 - Arrow B points upwards at the bottom.
 - Label L is on the right side.

Cable	Length/L	Description	4-pos Part-no.
TPU UL halogenfree green (RAL 6018) 4xAWG22	0,5m	SAL-12D-FKH4.2-RS4.2-0,5/G6	43-01672
	1m	SAL-12D-FKH4.2-RS4.2-1/G6	43-01673
	2m	SAL-12D-FKH4.2-RS4.2-2/G6	43-01674

For custom length or quality levels contact factory

SAL M8x1 CONNECTORS

Panel Plugs, axial, print version for Industrial Ethernet



RoHS compliant

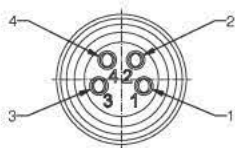
TECHNICAL DATA

Rated voltage	4-pos 30V
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 +85°C

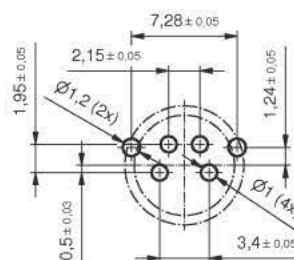
PRODUCT DRAWING

Pin Configuration

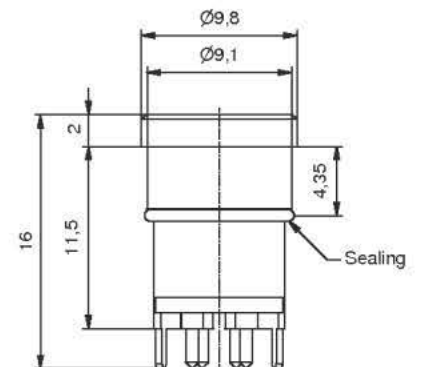
4-pos



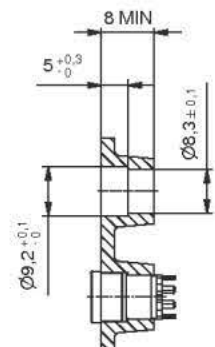
Hole Pattern Printing Board



Dimension



Feedthrough

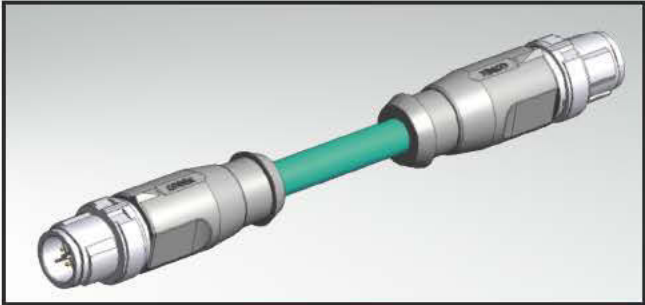


ORDER DATA

Description	4-pos Part-no.
SAL-8D-EKVM4-P16	42-01052

SAL M12x1 CONNECTORS – X-CODING 10 GIGABIT ETHERNET

Connecting cable Male connector – Male connector, axial



RoHS compliant

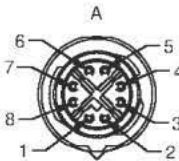
TECHNICAL DATA

Rated voltage	8-pos 48V
Current rating	500mA at +40°C
Pollution degree	3
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-25°C to +85°C
Mating cycles	>=100

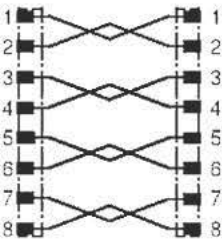
PRODUCT DRAWING

Pin Configuration

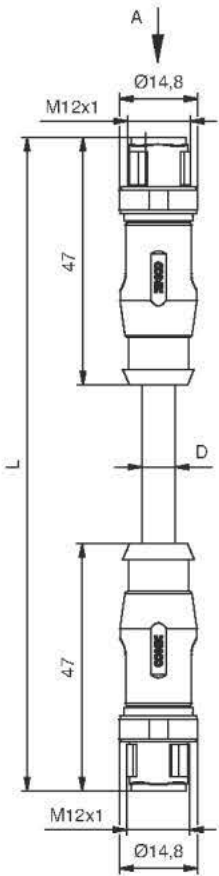
8-pos



Contact Assignment



Dimension



ORDER DATA

Cable	Length/L	Description	8-pos Part-no.
TPU waterblue (RAL 5021) S-FTP 4x2xAWG26/7	1m	SAL-12X-RS8.8-RS8.8-1 / GG	43-15364
	2m	SAL-12X-RS8.8-RS8.8-2 / GG	43-15365
	5m	SAL-12X-RS8.8-RS8.8-5 / GG	43-15366
	10m	SAL-12X-RS8.8-RS8.8-10 / GG	43-15367

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – X-CODING 10 GIGABIT ETHERNET

Female socket dip-solder, frontmounting



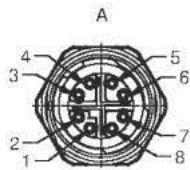
RoHS compliant

TECHNICAL DATA.

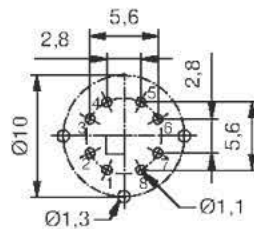
Rated voltage	4-pos 48V
Current rating	350Ma at 40°C
Pollution degree	3
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-40°C to +90°C
Mating cycles	>=100

PRODUCT DRAWING

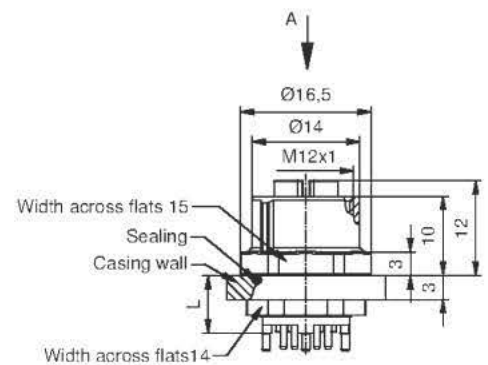
Pin Configuration



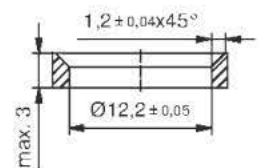
Pin layout PCB



Dimension



Cut-Out Front Panel

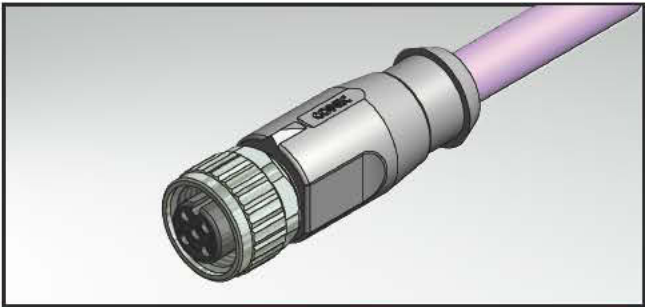


ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG22, UL	0.5m	SAL-12X-FK8.8/7.2/12	43-01847

SAL M12x1 CONNECTORS – DEVICENET

Female connector, axial



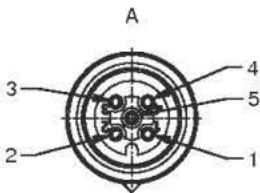
RoHS compliant

TECHNICAL DATA	
Rated voltage	5-pos 60V
Current rating	4A at +40°C
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-20°C to +80°C
Mating cycles	>= 100

PRODUCT DRAWING

Pin Configuration

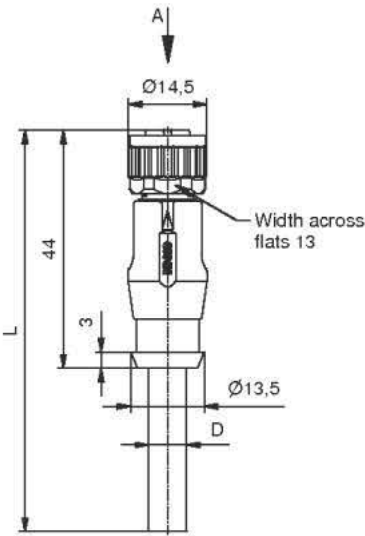
5-pos



Contact Assignment

1	shielding
2	red (+)
3	black (-)
4	white (CAN H)
5	blue (CAN L)

Dimension



ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
PVC UL grey 2xAWG22+2xAWG24	2m	SAL-DN-12-RK5.3-2/GC	43-12508
	3m	SAL-DN-12-RK5.3-3/GC	43-12509
	5m	SAL-DN-12-RK5.3-5/GC	43-12510
	10m	SAL-DN-12-RK5.3-10/GC	43-12511
TPU UL violet (RAL4001) 2xAWG22+2xAWG24	2m	SAL-DN-12-RK5.3-2/GJ	43-12512
	3m	SAL-DN-12-RK5.3-3/GJ	43-12513
	5m	SAL-DN-12-RK5.3-5/GJ	43-12514
	10m	SAL-DN-12-RK5.3-10/GJ	43-12515

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – DEVICENET

Male connector, axial



RoHS compliant

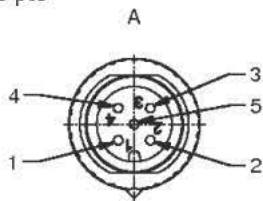
TECHNICAL DATA

Rated voltage	5-pos 60V
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	-20°C to +80°C
Mating cycles	≥ 100

PRODUCT DRAWING

Pin Configuration

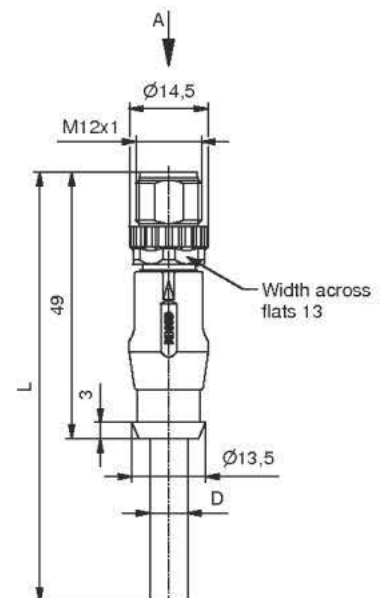
5-pos



Contact Assignment

1	shielding
2	red (+)
3	black (-)
4	white (CAN H)
5	blue (CAN L)

Dimension



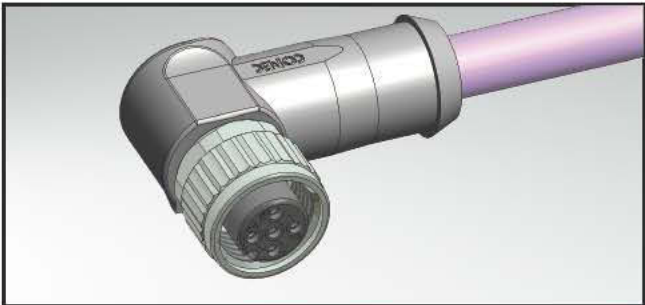
ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
PVC UL grey 2xAWG22+2xAWG24	2m	SAL-DN-12-RS5.3-2/GC	43-12500
	3m	SAL-DN-12-RS5.3-3/GC	43-12501
	5m	SAL-DN-12-RS5.3-5/GC	43-12502
	10m	SAL-DN-12-RS5.3-10/GC	43-12503
TPU UL violet (RAL4001) 2xAWG22+2xAWG24	2m	SAL-DN-12-RS5.3-2/GJ	43-12504
	3m	SAL-DN-12-RS5.3-3/GJ	43-12505
	5m	SAL-DN-12-RS5.3-5/GJ	43-12506
	10m	SAL-DN-12-RS5.3-10/GJ	43-12507

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – DEVICENET

Female connector, angled



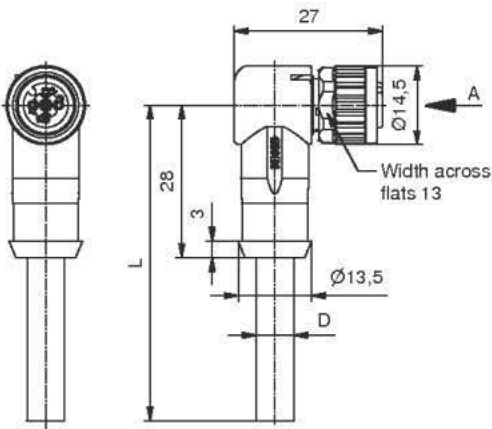
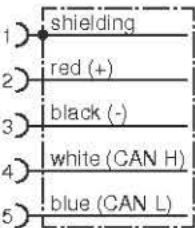
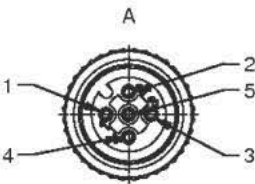
RoHS compliant

TECHNICAL DATA	
Rated voltage	5-pos 60V
Current rating	4A at +40°C
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-20°C to +80°C
Mating cycles	>=100

PRODUCT DRAWING

Contact Assignment

5-pos



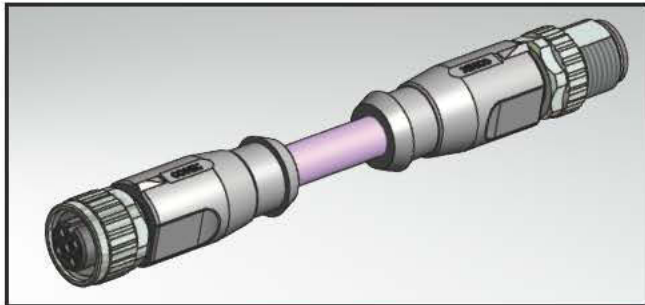
ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
PVC UL grey 2xAWG22+2xAWG24	2m	SAL-DN-12-RKW5.3-2/GC	43-12516
	3m	SAL-DN-12-RKW5.3-3/GC	43-12517
	5m	SAL-DN-12-RKW5.3-5/GC	43-12518
	10m	SAL-DN-12-RKW5.3-10/GC	43-12519
TPU UL violet (RAL4001) 2xAWG22+2xAWG24	2m	SAL-DN-12-RKW5.3-2/GJ	43-12520
	3m	SAL-DN-12-RKW5.3-3/GJ	43-12521
	5m	SAL-DN-12-RKW5.3-5/GJ	43-12522
	10m	SAL-DN-12-RKW5.3-10/GJ	43-12523

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – DEVICENET

Connecting cable Female connector, axial – Male connector, axial



RoHS compliant

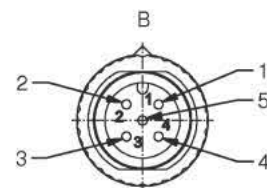
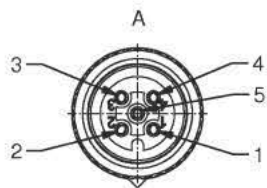
TECHNICAL DATA

Rated voltage	5-pos 60V
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	-20°C to +80°C
Mating cycles	≥ 100

PRODUCT DRAWING

Pin Configuration

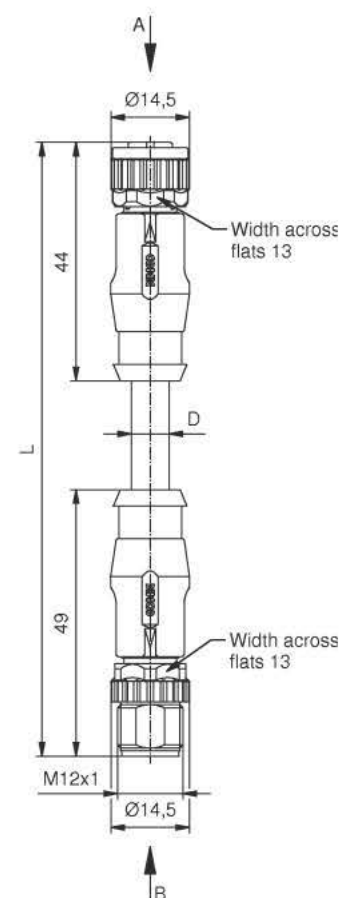
5-pos



Contact Assignment

1	shielding	1
2	red (+)	2
3	black (-)	3
4	white (CAN H)	4
5	blue (CAN L)	5

Dimension



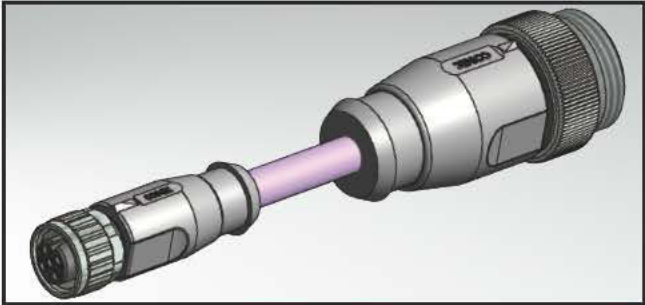
ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
PVC UL grey 2xAWG22+2xAWG24	0,3m	SAL-DN-12-RK5.3-RS5.3-0,3/ GC	43-12524
	0,6m	SAL-DN-12-RK5.3-RS5.3-0,6/ GC	43-12525
	1,5m	SAL-DN-12-RK5.3-RS5.3-1,5/ GC	43-12526
	3m	SAL-DN-12-RK5.3-RS5.3-3/ GC	43-12527
TPU UL violet (RAL4001) 2xAWG22+2xAWG24	0,3m	SAL-DN-12-RK5.3-RS5.3-0,3/ GJ	43-12528
	0,6m	SAL-DN-12-RK5.3-RS5.3-0,6/ GJ	43-12529
	1,5m	SAL-DN-12-RK5.3-RS5.3-1,5/ GJ	43-12530
	3m	SAL-DN-12-RK5.3-RS5.3-3/ GJ	43-12531

For custom length or quality levels contact factory

SAL M12x1 / 7/8" CONNECTORS – DEVICENET

Connecting cable M12x1 Female connector, axial –
7/8" Male connector, axial Cable for flexible installation



RoHS compliant

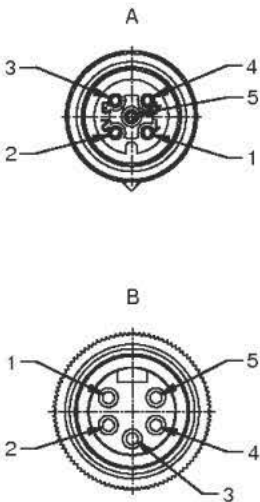
TECHNICAL DATA

Rated voltage	5-pos 60V
Current rating	4A at +40°C
Pollution degree	3 / 2
Insulation resistance	>= 100 MΩ
Degree of protection	IP67 in mated condition
Temperature range	-20°C to +80°C
Mating cycles	>=100

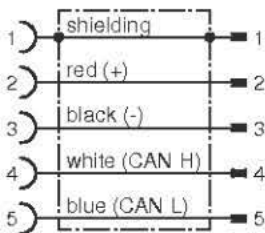
PRODUCT DRAWING

Pin Configuration

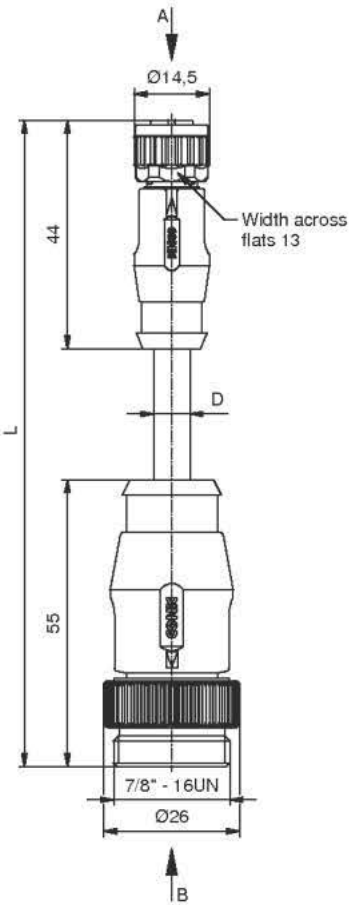
5-pos



Contact Assignment



Dimension



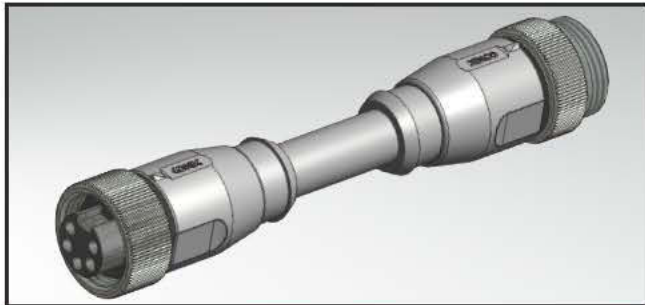
ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
PVC UL grey 2xAWG22+2xAWG24	0,3m	SAL-DN-12-RK5.3-7 / 8-RS5.3-0,3 / GC	43-12532
	0,6m	SAL-DN-12-RK5.3-7 / 8-RS5.3-0,6 / GC	43-12533
	1,5m	SAL-DN-12-RK5.3-7 / 8-RS5.3-1,5 / GC	43-12534
	3m	SAL-DN-12-RK5.3-7 / 8-RS5.3-3 / GC	43-12535
TPU UL violet (RAL4001) 2xAWG22+2xAWG24	0,3m	SAL-DN-12-RK5.3-7 / 8-RS5.3-0,3 / GJ	43-12536
	0,6m	SAL-DN-12-RK5.3-7 / 8-RS5.3-0,6 / GJ	43-12537
	1,5m	SAL-DN-12-RK5.3-7 / 8-RS5.3-1,5 / GJ	43-12538
	3m	SAL-DN-12-RK5.3-7 / 8-RS5.3-3 / GJ	43-12539

For custom length or quality levels contact factory

SAL 7/8" CONNECTORS – DEVICENET

Connecting cable Female connector, axial – Male connector, axial



RoHS compliant

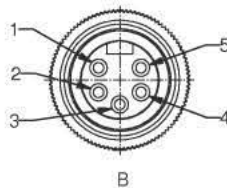
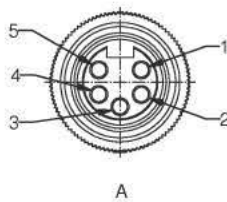
TECHNICAL DATA

Rated voltage	5-pos 60V
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	-20°C to +80°C
Mating cycles	≥ 100

PRODUCT DRAWING

Pin Configuration

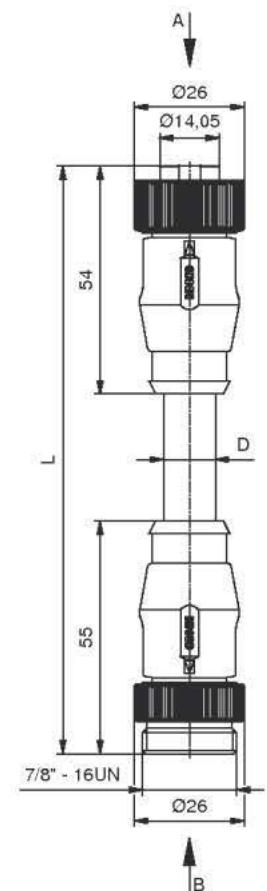
5-pos



Contact Assignment

1	shielding	1
2	red (+)	2
3	black (-)	3
4	white (CAN H)	4
5	blue (CAN L)	5

Dimension



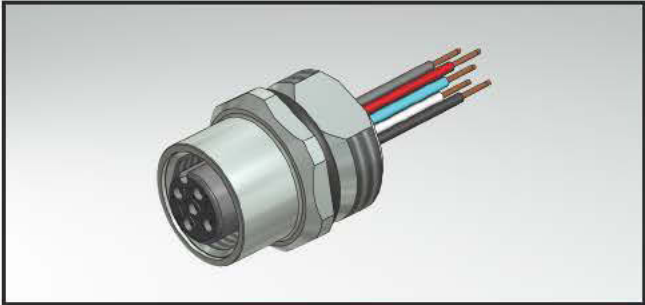
ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
PVC UL grey 2xAWG15+2xAWG18	5m	SAL-DN-7 / 8-RK5.3-RS5.3-5 / GC	41-01382
	10m	SAL-DN-7 / 8-RK5.3-RS5.3-10 / GC	41-01383
	20m	SAL-DN-7 / 8-RK5.3-RS5.3-20 / GC	41-01384

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – DEVICENET

Female Socket with wire, frontmounting, M16x1,5-thread



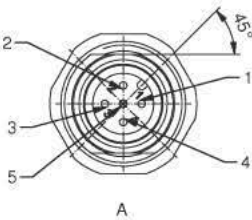
RoHS compliant

TECHNICAL DATA	
Rated voltage	5-pos 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

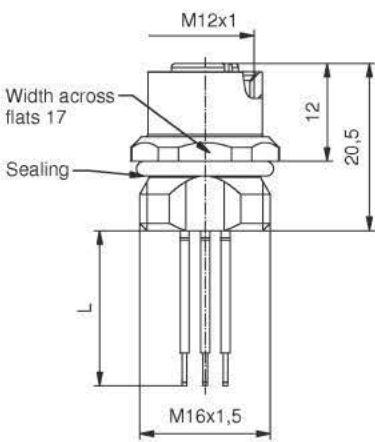
5-pos



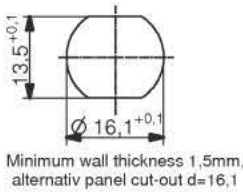
Contact Assignment



Dimension



Cut-Out Front Panel



ORDER DATA

Wire	Length/L	Description	5-pos Part-no.
PVC, AWG24, UL	0,5m	SAL-DN-12-FK5.3-0,5	43-01367

SAL M12x1 CONNECTORS – DEVICENET

Male Socket with wire, backmounting, M16x1,5-thread



RoHS compliant

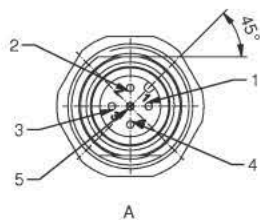
TECHNICAL DATA

Rated voltage	5-pos 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	≥ 100

PRODUCT DRAWING

Pin Configuration

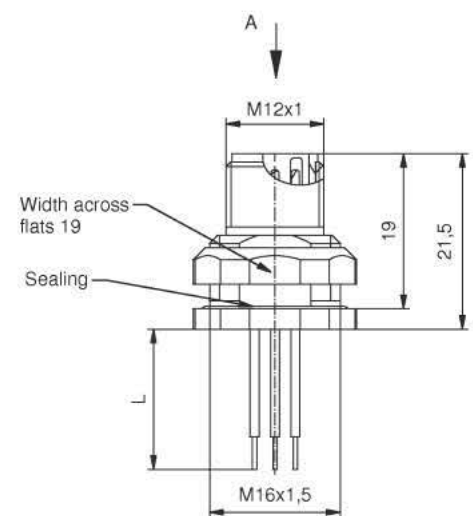
5-pos



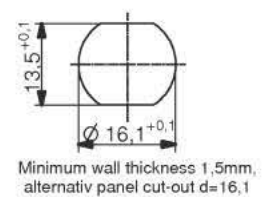
Contact Assignment

- 1 grey (shielding)
- 2 red (+)
- 3 black (-)
- 4 white (CAN H)
- 5 blue (CAN L)

Dimension



Cut-Out Front Panel



ORDER DATA

Wire	Length/L	Description	5-pos Part-no.
PVC, AWG24, UL	0,5m	SAL-DN-12-FSH5.3-0,5	43-01368

SAL M12x1 CONNECTORS – DEVICENET

Female socket with cable, backmounting



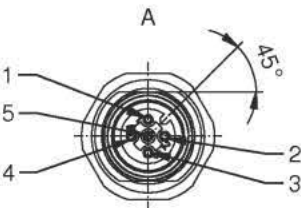
RoHS compliant

TECHNICAL DATA	
Rated voltage	5-pos 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

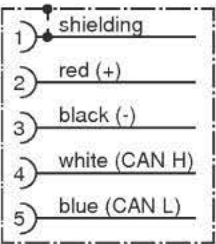
PRODUCT DRAWING

Pin Configuration

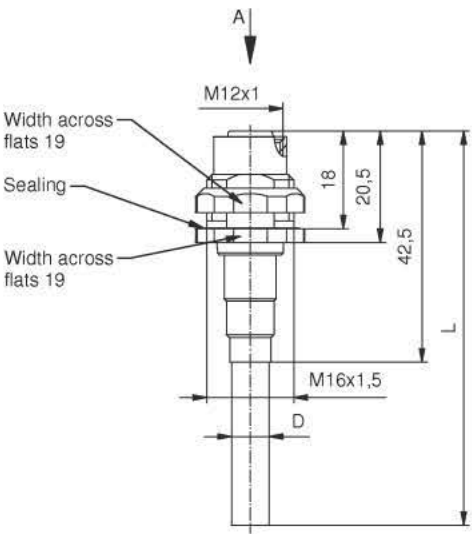
5-pos



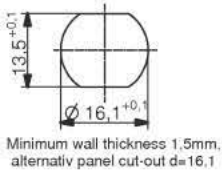
Contact Assignment



Dimension



Cut-Out Front Panel



ORDER DATA

Cable	Length/ L	Description	5-pos Part-no.
TPU UL, halogenfree violet (RAL4001) 2xAWG22+2xAWG24	0,5m	SAL-DN-12-FKH5.3-0,5/ GJ	43-01642
	1m	SAL-DN-12-FKH5.3-1/ GJ	43-01643
	2m	SAL-DN-12-FKH5.3-2/ GJ	43-01644

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – DEVICENET

Male socket with cable, backmounting



RoHS compliant

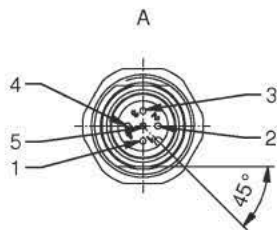
TECHNICAL DATA

Rated voltage	5-pos 60V
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	≥ 100

PRODUCT DRAWING

Pin Configuration

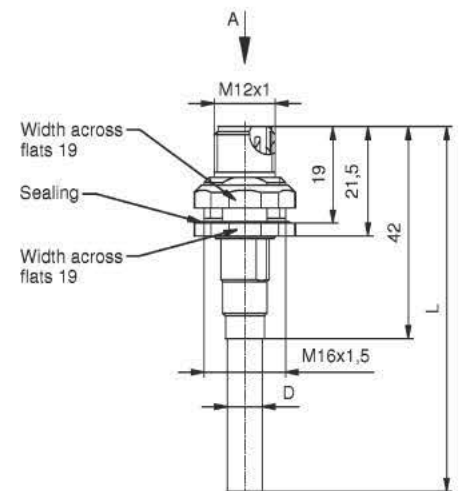
5-pos



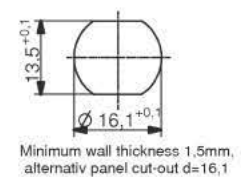
Contact Assignment

1	shielding
2	red (+)
3	black(-)
4	white (CAN H)
5	blue (CAN L)

Dimension



Cut-Out Front Panel



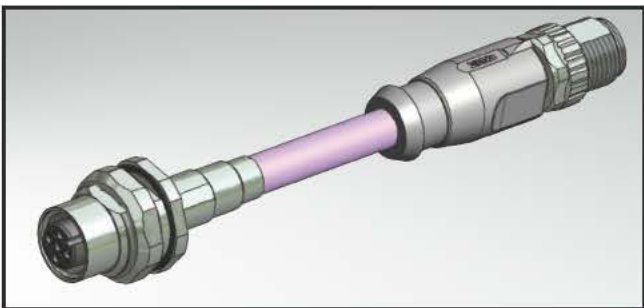
ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
TPU UL, halogenfree violet (RAL4001)	0,5m	SAL-DN-12-FSH5.3-0,5 / GJ	43-01645
2xAWG22+2xAWG24	1m	SAL-DN-12-FSH5.3-1 / GJ	43-01646
	2m	SAL-DN-12-FSH5.3-2 / GJ	43-01647

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – DEVICENET

Connecting Cable Female socket with cable, backmounting – Male connector, axial



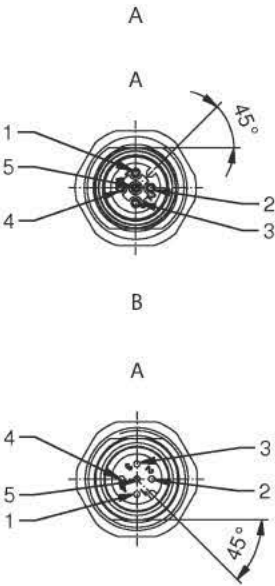
RoHS compliant

TECHNICAL DATA	
Rated voltage	5-pos 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

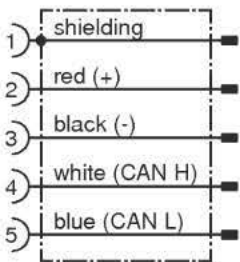
PRODUCT DRAWING

Pin Configuration

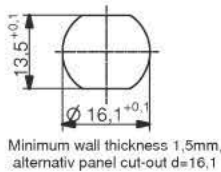
5-pos



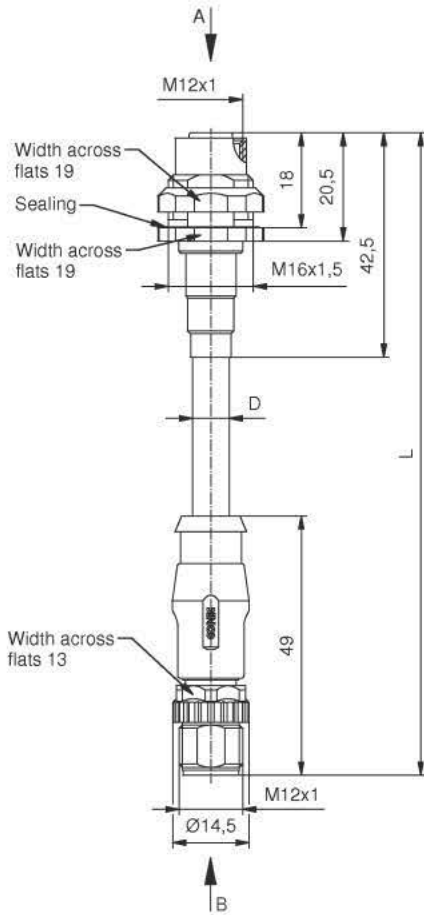
Contact Assignment



Cut-Out Front Panel



Dimension



ORDER DATA

Cable	Length/L	Description	5-pos Part-no.
TPU UL, halogenfree violet (RAL4001) 2xAWG22+2xAWG24	0,5m	SAL-DN-12-FKH5.3-RS5.3-0,5 / GJ	43-01666
	1m	SAL-DN-12-FKH5.3-RS5.3-1 / GJ	43-01667
	2m	SAL-DN-12-FKH5.3-RS5.3-2 / GJ	43-01668

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – DEVICENET

Terminating Plug



RoHS compliant

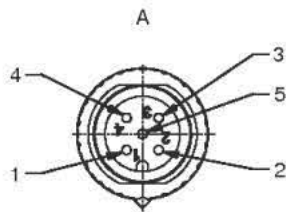
TECHNICAL DATA

Rated voltage	5-pos 60V
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	≥ 100

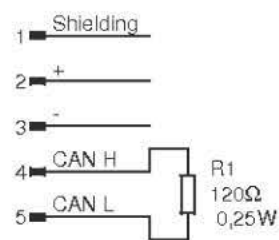
PRODUCT DRAWING

Pin Configuration

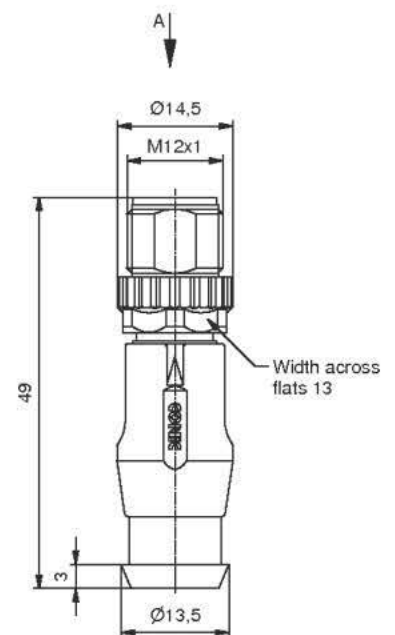
5-pos



Contact Assignment



Dimension



ORDER DATA

Description	5-pos Part-no.
SAL-DN-12-RSA5.3	43-12642

SAL 7/8" CONNECTORS – DEVICENET

Terminating Plug



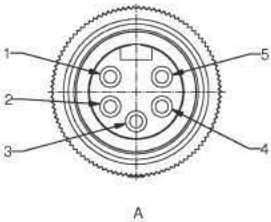
RoHS compliant

TECHNICAL DATA	
Rated voltage	5-pos 24V
Current rating	
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

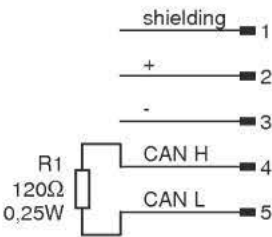
PRODUCT DRAWING

Pin Configuration

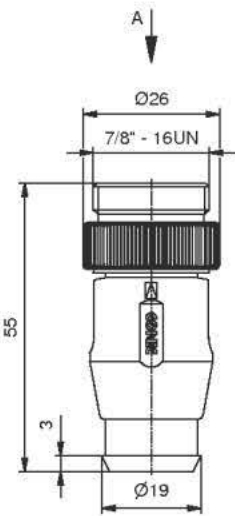
5-pos



Contact Assignment



Dimension

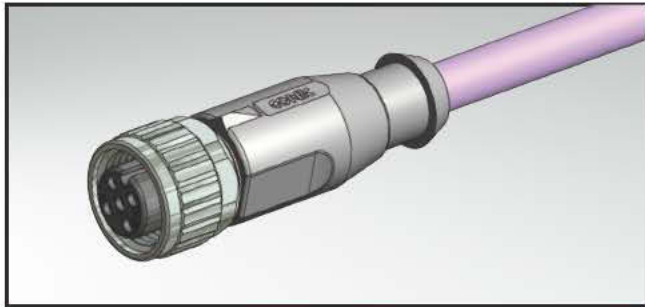


ORDER DATA

Description	5-pos Part-no.
SAL-DN-7/8-RSA5.3	41-01304

SAL M12x1 CONNECTORS – CAN-Bus

Female connector, axial



RoHS compliant

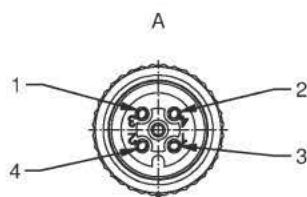
TECHNICAL DATA

Rated voltage	4-pos 60V
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	-5°C to +60°C
Mating cycles	≥ 100

PRODUCT DRAWING

Pin Configuration

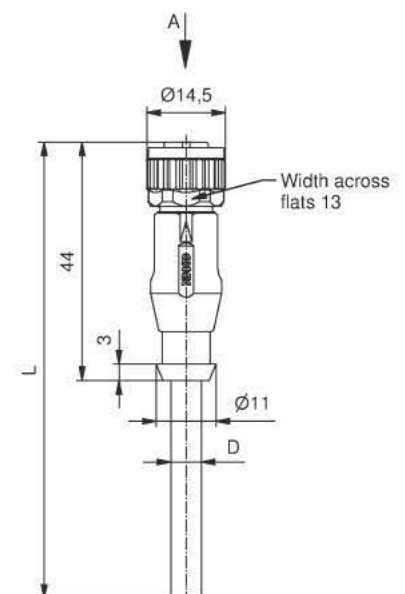
4-pos



Contact Assignment

1	brown
2	white
3	green
4	yellow
	Shielding coupling nut

Dimension



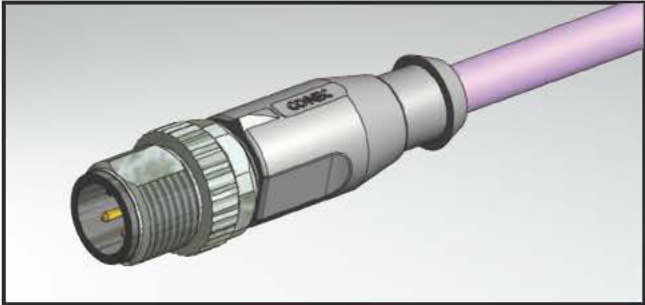
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC violet (RAL4001) 2x2AWG24/7	2m	SAL-CN-12S-RK4.41-2 / GU	43-14380
	3m	SAL-CN-12S-RK4.41-3 / GU	43-14381
	5m	SAL-CN-12S-RK4.41-5 / GU	43-14382
	10m	SAL-CN-12S-RK4.41-10 / GU	43-14383

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – CAN-Bus

Male connector, axial



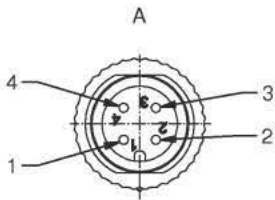
RoHS compliant

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

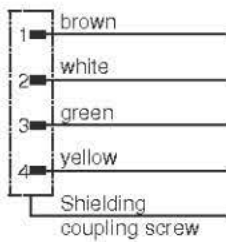
PRODUCT DRAWING

Pin Configuration

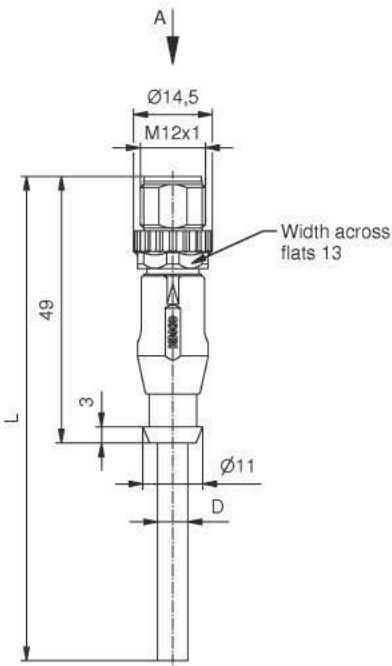
4-pos



Contact Assignment



Dimension



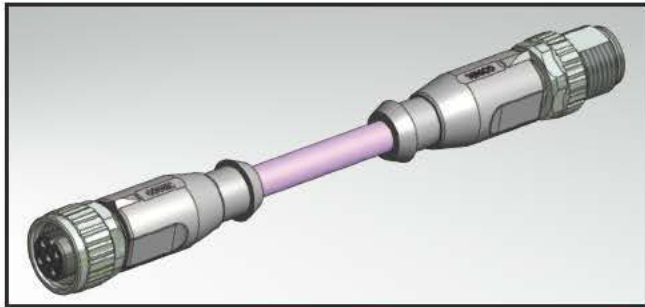
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC violet (RAL4001) 2x2AWG24/7	2m	SAL-CN-12S-RS4.41-2 / GU	43-14384
	3m	SAL-CN-12S-RS4.41-3 / GU	43-14385
	5m	SAL-CN-12S-RS4.41-5 / GU	43-14386
	10m	SAL-CN-12S-RS4.41-10 / GU	43-14387

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – CAN-Bus

Female connector, axial – Male connector, axial



RoHS compliant

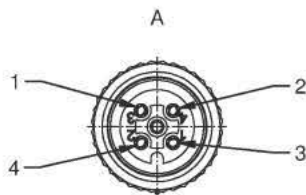
TECHNICAL DATA

Rated voltage	4-pos 60V
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	-5 °C to +60 °C
Mating cycles	≥ 100

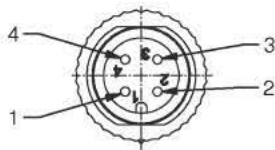
PRODUCT DRAWING

Pin Configuration

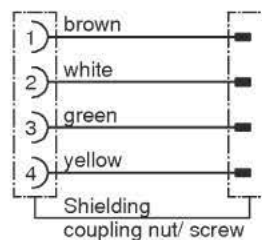
4-pos



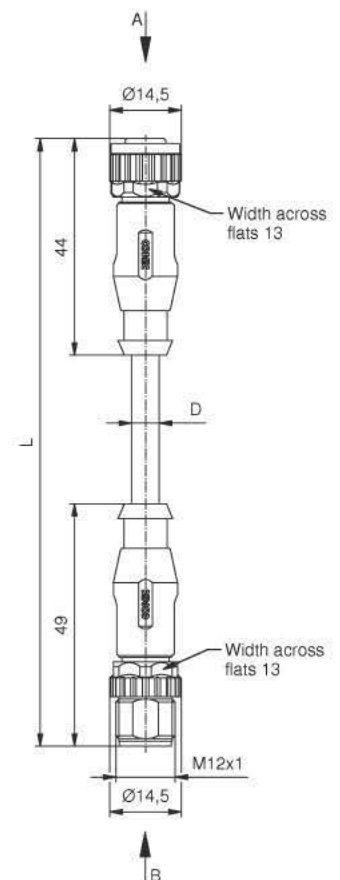
B



Contact Assignment



Dimension



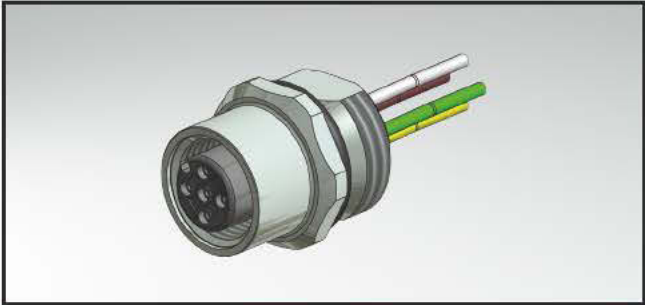
ORDER DATA

Cable	Length/L	Description	4-pos Part-no.
PVC violet (RAL4001) 2x2AWG24/7	0,3m	SAL-CN-12S-RK4.41-RS4.41-0,3 / GU	43-14388
	0,6m	SAL-CN-12S-RK4.41-RS4.41-0,6 / GU	43-14389
	1,5m	SAL-CN-12S-RK4.41-RS4.41-1,5 / GU	43-14390
	3m	SAL-CN-12S-RK4.41-RS4.41-3 / GU	43-14391

For custom length or quality levels contact factory

SAL M12x1 CONNECTORS – CAN-Bus

Female socket with wire, frontmounting, M16x1,5-thread



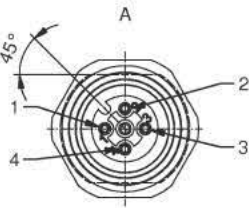
RoHS compliant

TECHNICAL DATA	
Rated voltage	4-pos 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

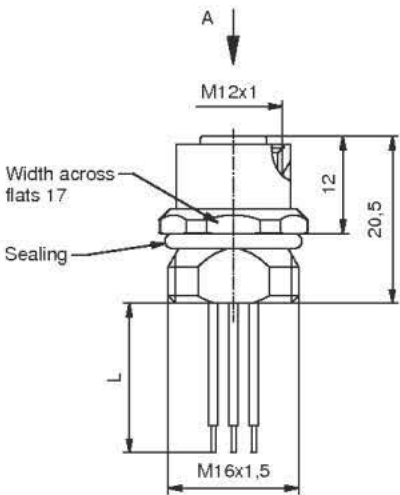
4-pos



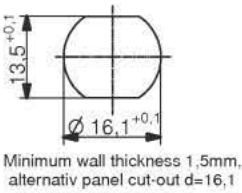
Contact Assignment

- 1) brown
- 2) white
- 3) green
- 4) yellow

Dimension



Cut-Out Front Panel

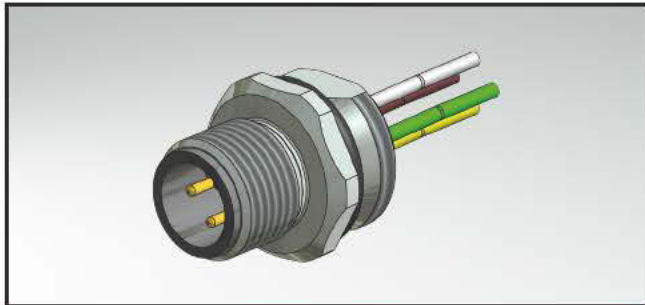


ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG24	0,5m	SAL-12-FK4.41-0,5	43-01703

SAL M12x1 CONNECTORS – CAN-Bus

Male socket with wire, frontmounting, M16x1,5-thread



RoHS compliant

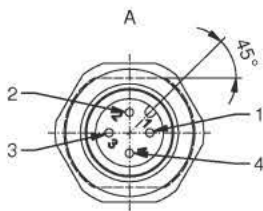
TECHNICAL DATA

Rated voltage	4-pos 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	≥ 100

PRODUCT DRAWING

Pin Configuration

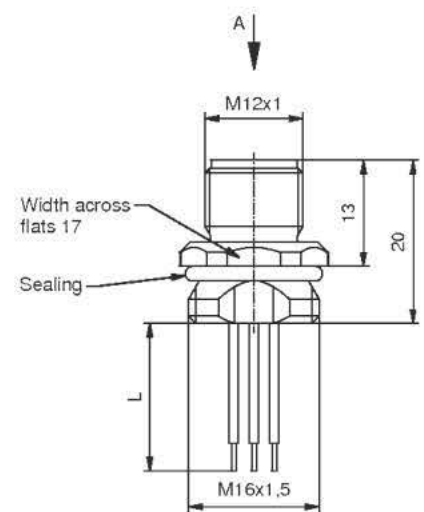
4-pos



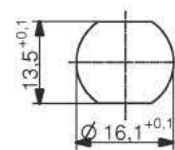
Contact Assignment

1	■	brown
2	■	white
3	■	green
4	■	yellow

Dimension



Cut-Out Front Panel



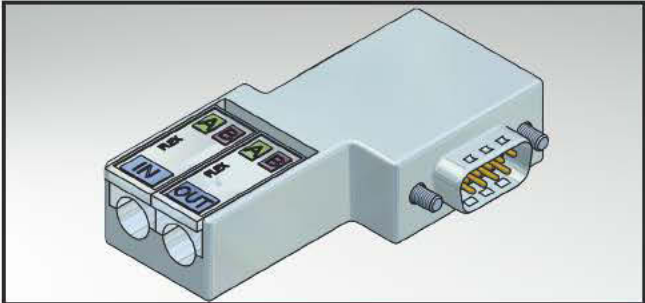
Minimum wall thickness 1,5mm,
alternativ panel cut-out d=16,1

ORDER DATA

Wire	Length/L	Description	4-pos Part-no.
PVC, AWG24	0,5m	SAL-12-FS4.41-0,5	43-01704

SAL CONNECTORS D-SUB – PROFIBUS DP

D-SUB Male connector, 9-pos, angled, with programming interface and quick connection for flexible conductor

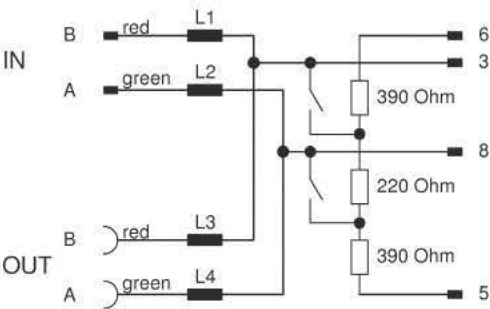


RoHS compliant

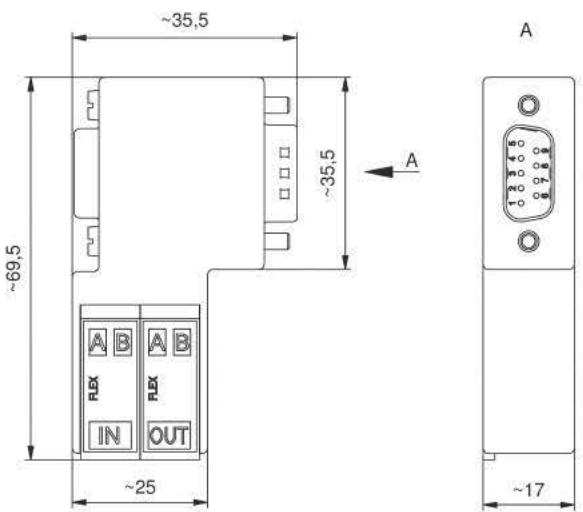
TECHNICAL DATA	
Rated voltage	9-pos 4,75 - 5,25 V DC
Current rating	12,5 mA
Degree of protection	IP40
Temperature range	-25°C to +60°C
Mating cycles	>=100

PRODUCT DRAWING

Contact Assignment



Dimension

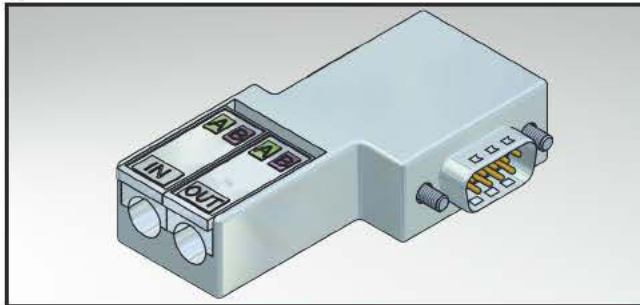


ORDER DATA

Description	9-pos Part-no.
SAL-DS-SKSW9F	43-11311

SAL CONNECTORS D-SUB – PROFIBUS DP

D-SUB Male connector, 9-pos, angled, with programming interface and quick connection for inflexible conductor



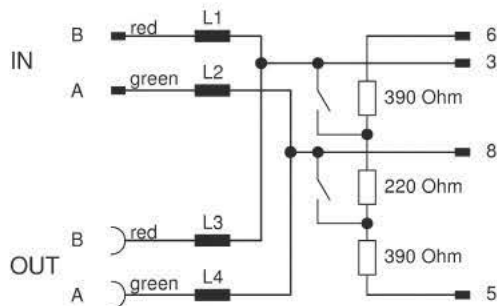
RoHS compliant

TECHNICAL DATA

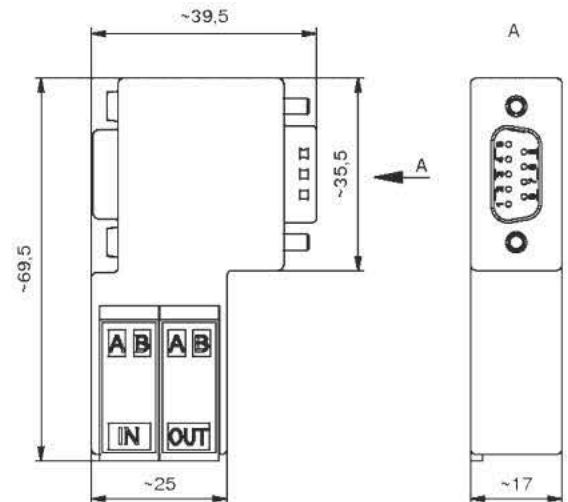
Rated voltage	9-pos 4,75 - 5,25 V DC
Current rating	12,5 mA
Degree of protection	IP40
Temperature range	-25°C to +60°C
Mating cycles	>=100

PRODUCT DRAWING

Contact Assignment



Dimension

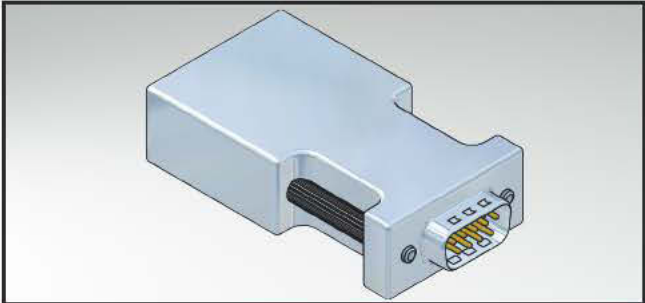


ORDER DATA

Description	9-pos Part-no.
SAL-DS-SKSW9	43-11520

SAL CONNECTORS D-SUB – PROFIBUS DP

D-SUB Male connector, 9-pos, axial, with screw termination

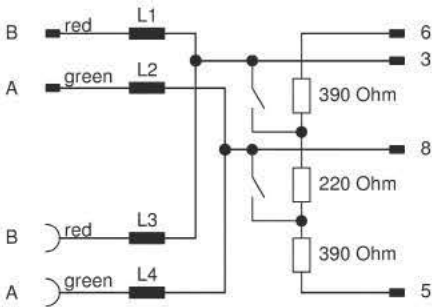


RoHS compliant

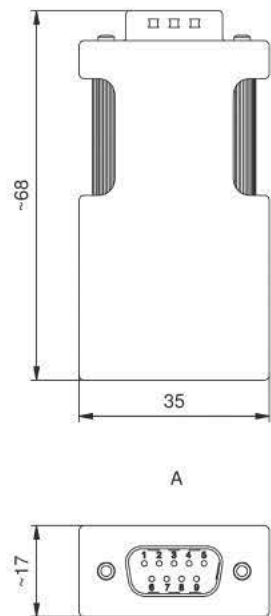
TECHNICAL DATA	
Rated voltage	9-pos 4,75 - 5,25 V DC
Current rating	12,5 mA
Degree of protection	IP40
Temperature range	-25°C to +60°C
Mating cycles	>=100

PRODUCT DRAWING

Contact Assignment



Dimension

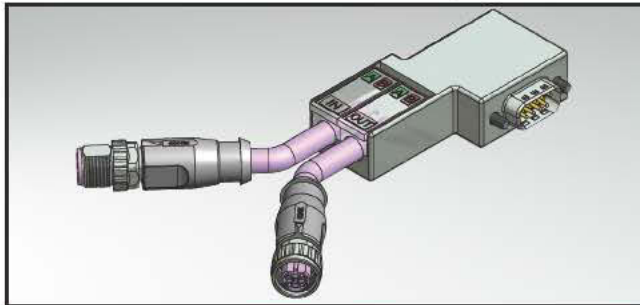


ORDER DATA

Description	9-pos Part-no.
SAL-DS-SS9S	43-11929

SAL CONNECTORS D-SUB with M12x1 – PROFIBUS DP

Connecting cable D-SUB Male connector, angled, 9-pos, with programming interface – Male connector/Female connector M12x1, axial, B-coding, 4-pos



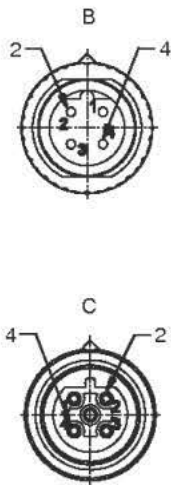
RoHS compliant

TECHNICAL DATA

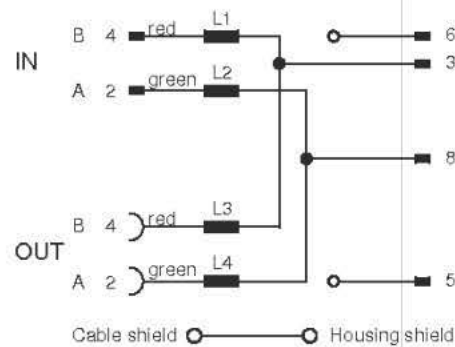
Rated voltage	9/4-pos
	4,75 - 5,25 V DC
Degree of protection	IP40 at D-SUB / IP67 at M12x1
Temperature range	-25°C to +60°C
Mating cycles	>= 100

PRODUCT DRAWING

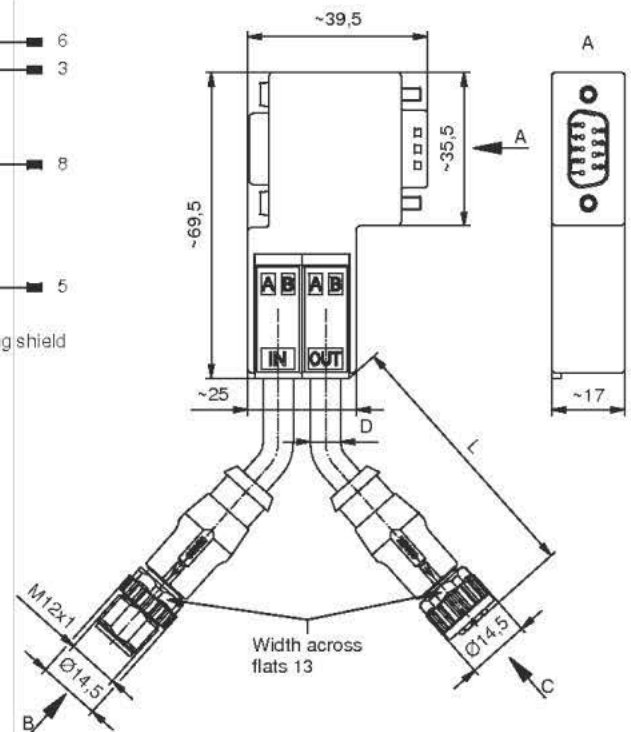
Pin Configuration



Contact Assignment



Dimension



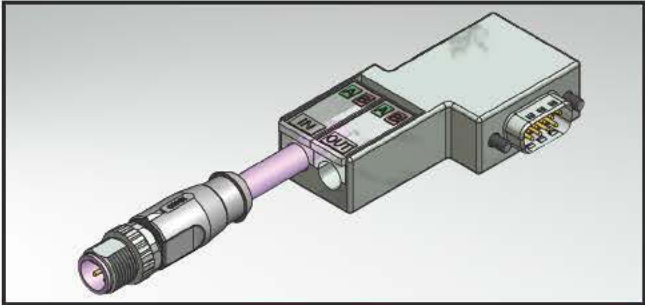
ORDER DATA

Cable	Length/L	Description	9/4-pos Part-no.
PVC UL violet (RAL4001) O2YSY(ST)CY 2xAWG22	0,5m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G5	43-11756
	1m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-1/G5	43-11757
	2m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G5	43-11758
TPU UL violet (RAL4001) O2YSH(ST)CH 2xAWG22	0,5m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G4	43-11753
	1m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-1/G4	43-11754
	2m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G4	43-11755
TPE UL, highflexible violet (RAL4001) O2YS(ST)C11Y 2xAWG22	0,5m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G7	43-11759
	1m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-1/G7	43-11760
	2m	SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G7	43-11761

For custom length or quality levels contact factory

SAL CONNECTORS D-SUB with M12x1 – PROFIBUS DP

Connecting cable D-SUB Male connector angled, 9-pos, with programming interface – Male connector M12x1, axial, B-coding, 4-pos

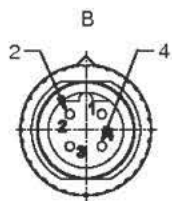


RoHS compliant

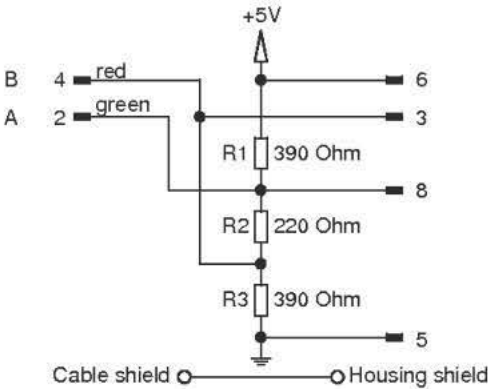
TECHNICAL DATA	
Rated voltage	9/4-pos 4,75 - 5,25 V DC
Degree of protection	IP40 at D-SUB / IP67 at M12x1
Temperature range	-25°C to +60°C
Mating cycles	>= 100

PRODUCT DRAWING

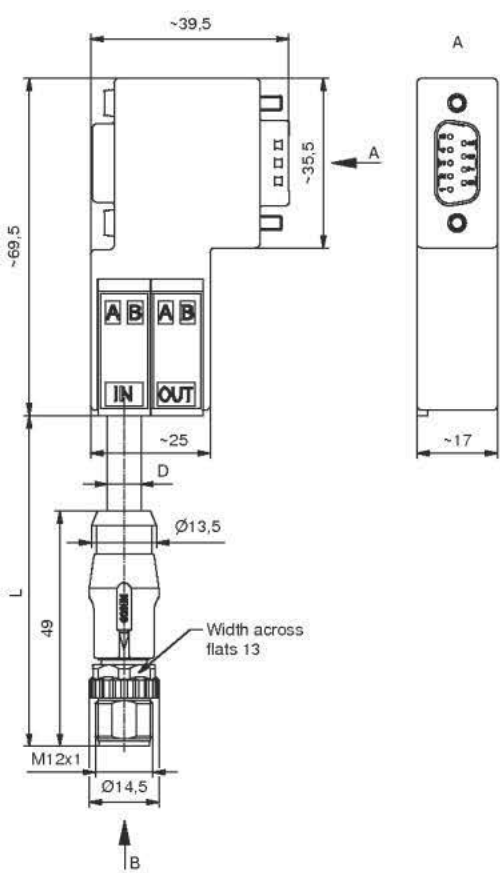
Pin Configuration



Contact Assignment



Dimension



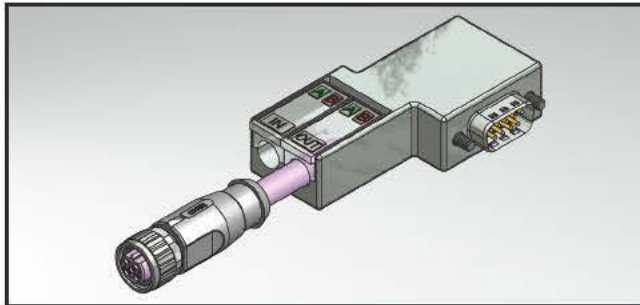
ORDER DATA

Cable	Length/L	Description	9/4-pos Part-no.
PVC UL violet (RAL4001) O2YSY(ST)CY 2xAWG22	2m	SAL-DS-SKSW9-12B-RS4.1-2 / G5	43-11747
	3m	SAL-DS-SKSW9-12B-RS4.1-3 / G5	43-11748
	5m	SAL-DS-SKSW9-12B-RS4.1-5 / G5	43-11749
TPU UL violet (RAL4001) O2YSH(ST)CH 2xAWG22	2m	SAL-DS-SKSW9-12B-RS4.1-2 / G4	43-11744
	3m	SAL-DS-SKSW9-12B-RS4.1-3 / G4	43-11745
	5m	SAL-DS-SKSW9-12B-RS4.1-5 / G4	43-11746
TPE UL, highflexible violet (RAL4001) O2YS(ST)C11Y 2xAWG24	2m	SAL-DS-SKSW9-12B-RS4.1-2 / G7	43-11750
	3m	SAL-DS-SKSW9-12B-RS4.1-3 / G7	43-11751
	5m	SAL-DS-SKSW9-12B-RS4.1-5 / G7	43-11752

For custom length or quality levels contact factory

SAL CONNECTORS D-SUB with M12x1 – PROFIBUS DP

Connecting cable D-SUB Male connector, angled, 9-pos, with programming interface – Female connector M12x1, axial, B-coding, 4-pos



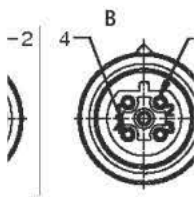
RoHS compliant

TECHNICAL DATA

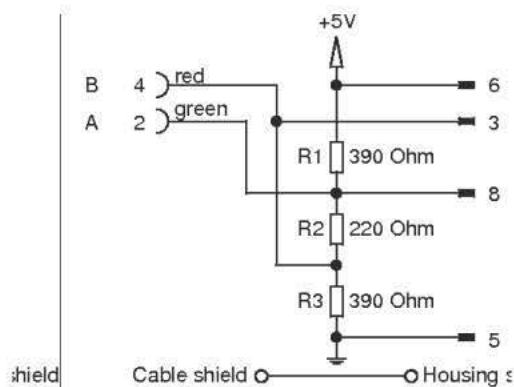
Rated voltage	9/4-pos 4,75 - 5,25 V DC
Degree of protection	IP40 at D-SUB / IP67 at M12x1
Temperature range	-25°C to +60°C
Mating cycles	>= 100

PRODUCT DRAWING

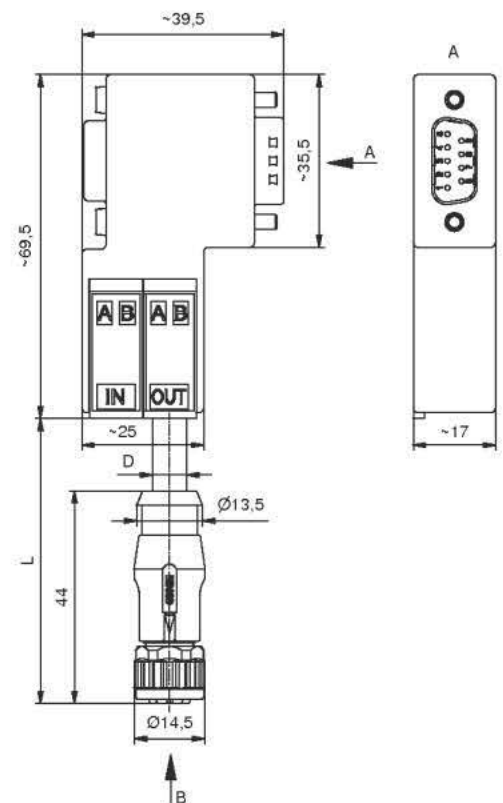
Pin Configuration



Contact Assignment



Dimension



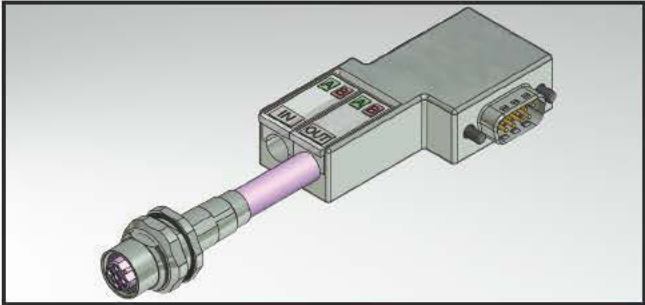
ORDER DATA

Cable	Length/L	Description	9/4-pos Part-no.
PVC UL violet (RAL4001) O2YSY(ST)CY 2xAWG22	2m	SAL-DS-SKSW9-12B-RK4.1-2 / G5	43-11738
	3m	SAL-DS-SKSW9-12B-RK4.1-3 / G5	43-11739
	5m	SAL-DS-SKSW9-12B-RK4.1-5 / G5	43-11740
TPU UL violet (RAL4001) O2YSH(ST)CH 2xAWG22	2m	SAL-DS-SKSW9-12B-RK4.1-2 / G4	43-11735
	3m	SAL-DS-SKSW9-12B-RK4.1-3 / G4	43-11736
	5m	SAL-DS-SKSW9-12B-RK4.1-5 / G4	43-11737
TPE UL, highflexible violet (RAL4001) O2YS(ST)C11Y 2xAWG22	2m	SAL-DS-SKSW9-12B-RK4.1-2 / G7	43-11741
	3m	SAL-DS-SKSW9-12B-RK4.1-3 / G7	43-11742
	5m	SAL-DS-SKSW9-12B-RK4.1-5 / G7	43-11743

For custom length or quality levels contact factory

SAL CONNECTORS D-SUB – M12x1 SOCKETS – PROFIBUS DP

Connecting Cable Male connector D-SUB, angled, with programming interface –
Female socket M12x1, with cable, backmounting



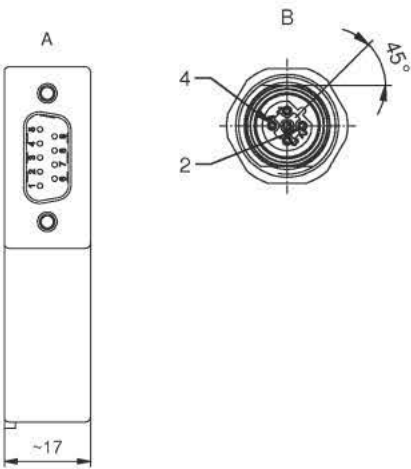
RoHS compliant

TECHNICAL DATA	
Rated voltage	9/4-pos 160V
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 +60 °C
Mating cycles	>= 100

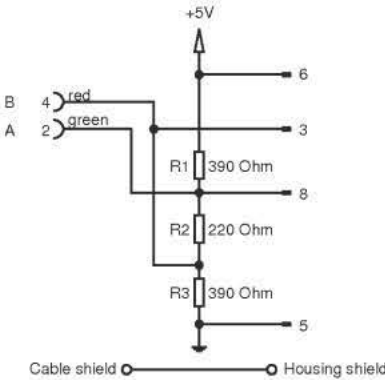
PRODUCT DRAWING

Pin Configuration

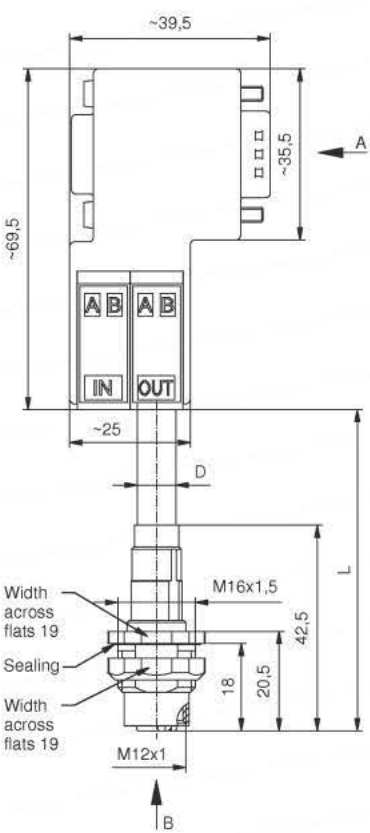
9/4-pos



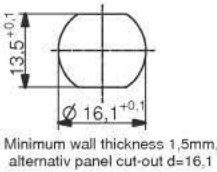
Contact Assignment



Dimension



Cut-Out Front Panel



ORDER DATA

Cable	Length/ L	Description	9/4-pos Part-no.
TPU violet (RAL4001)	0,5m	SAL-DS-SKSW9-12B-FKH4.1-0,5 / G4	43-01675
02YSH(ST)CH 2xAWG22	1m	SAL-DS-SKSW9-12B-FKH4.1-1 / G4	43-01676
	2m	SAL-DS-SKSW9-12B-FKH4.1-2 / G4	43-01677