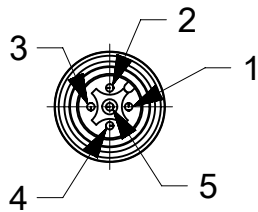


FRONT VIEW



L + Tolerance (see Table on sheet 3)

50 REF

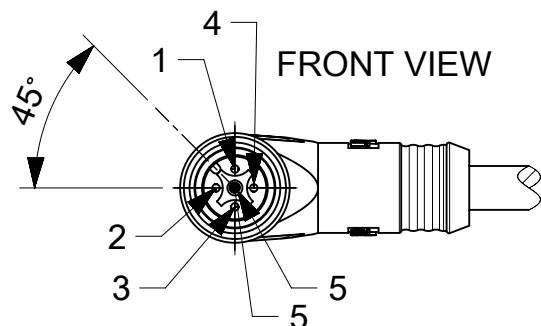
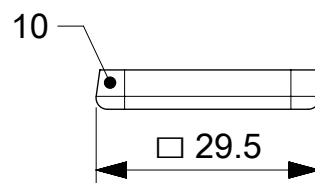
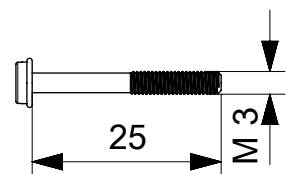
Label

L + Tolerance (see Table on sheet 3)

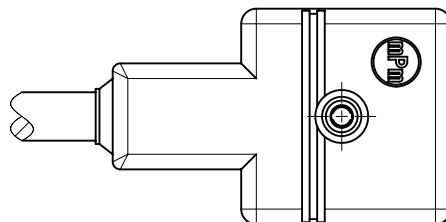
50 REF REF

Label

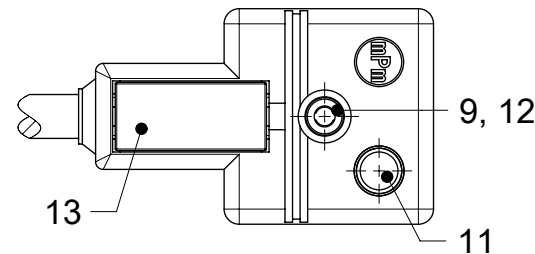
STANDARD
SCREW & GASKET
Index of protection: IP65



DIN Connector views
for PN without LED

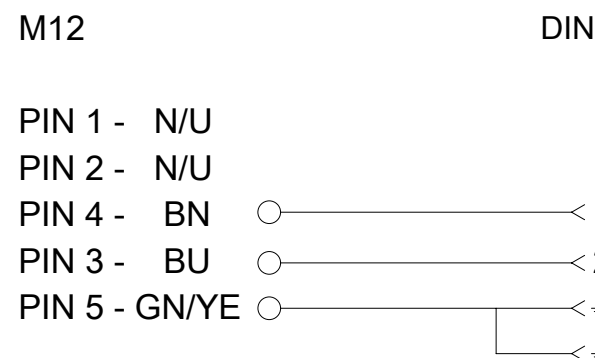
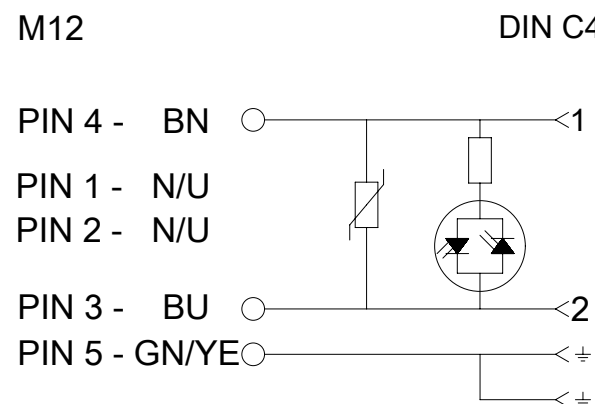
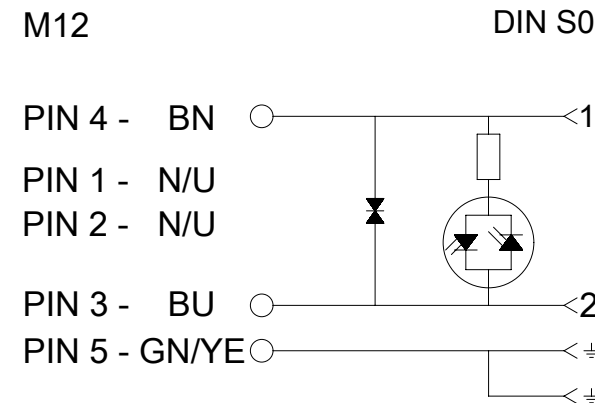


DIN Connector views
for PN with LED



Electrical diagram printed in white

ELECTRICAL DIAGRAMS



BILL OF MATERIALS

14	0/2	I/D CARRIER
13	0/1	LABEL PLASTIC
12	0/1	WASHER
11	0/1	PCB
10	1	GASKET
9	1	SCREW
8	4	CONTACT DIN
7	1	INSERT DIN A
6	-	MOULDING MATERIAL BLACK PP
5	5	CONTACT MALE
4	1	M12 COUPLING NUT MALE
3	1	M12 INSERT 5P MALE
2	-	MOULDING MATERIAL BLACK TPU
1	-	CABLE
ITEM	QTY.	DESCRIPTION

DOCUMENT STATUS	P1	RELEASE DATE	2024/04/05	09:07:10
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
	DIMENSION UNITS		SCALE		CURRENT REV DESC: RETRACTED DOCUMENT					molex										
	mm		1:1																	
	FA = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)			E850 DIN A / MMC 5P MM														
FE = 0		ANGULAR TOL ± 1.0°																		
DIVISIONAL SYMBOLS	FB = 0		4 PLACES		±		EC NO: 782067 DRWN: VISHAH2 2024/03/26 CHK'D: RSILLER 2024/04/05 APPR: RSILLER 2024/04/05													
			3 PLACES		±															
			2 PLACES		± 0.05		PRODUCT CUSTOMER DRAWING													
			1 PLACE		± 0.3															
			0 PLACES		± 0.5															
						INITIAL REVISION: DRWN: APAWLAK01 2016/05/30 APPR: RSILLER 2024/04/05														
						DOCUMENT NUMBER 1210350367					DOC TYPE PSD		DOC PART 000		REVISION B					
						THIRD ANGLE PROJECTION					DRAWING A3-SIZE		SERIES 121035		MATERIAL NUMBER SEE SHEET 3		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3	

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request).

OPTIONS

E 8 5 0 X X X X X X X X X X

E=Form A
(18mm
contact
spacing)

8=MMC M12
Connector

5=5 Poles

0=Default Standard Wiring

Electrical configuration:
0 = Without circuit
A = S0 24V Yellow LED
B = C4 24V Yellow LED
C = S0 110V Yellow LED
D = C4 110V Yellow LED
E = S0 24V Green LED
F = C4 24V Green LED
G = S0 110V Green LED
H = C4 110V Green LED
J = S0 24V Red LED
K = C4 24V Red LED
L = S0 110V Red LED
M = C4 110V Red LED
S = C4 230V Yellow LED

DIN Earth Position - o'clock &
M12 connector body:
0 = Earth H6/H12, Male Straight
2 = Earth H6/H12, Male Right Angle

Cable type:
See Table

Units:
M=Meter

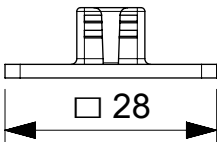
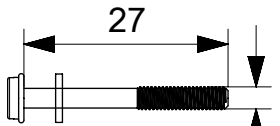
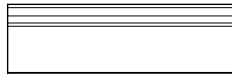
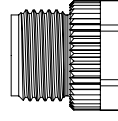
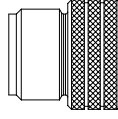
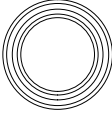
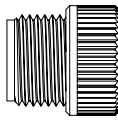
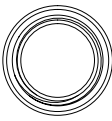
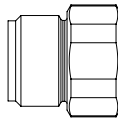
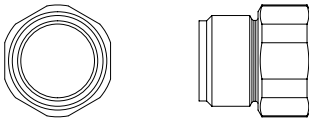
Length
Examples:
005=0.5 units
010=1 units
100=10 units

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow

Coupling Nut:
Blank (Standard)=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
9=Knurled / Hexagonal Brass Ni Plated

H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with
2 pcs. I/D Carrier)

R= NBR Integrated Gasket & Screw (IP67)



CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	SHIELD
A23	3	0.75mm ²	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
A58	3	20AWG	PVC BLACK	UL 2661	C22.2 II A 105°C/300V	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B08	3	18AWG	PUR YELLOW	UL 20668	C22.2 II A 90°C/300V	-	-	-
B31	3	0.50mm ²	WSOR BLACK	UL 21215	-	-	-25°C to +80°C, 7.5xO.D.	-
E12	3	0.50mm ²	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
I12	3	0.50mm ²	CEI PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
P12	3	0.50mm ²	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P82	3	0.34mm ²	PUR IRR ORANGE	-	-	-50°C to +105°C, 5xO.D.	-40°C to +105°C, 7.5xO.D.	-

Table of length tolerances [mm]		
Over	Up to and including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE	CURRENT REV DESC: RETRACTED DOCUMENT				molex				
	mm	1:1										
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 782067 DRWN: VISHAH2 CHK'D: RSILLER APPR: RSILLER								
	ANGULAR TOL ± 1.0 °											
	4 PLACES	±		2024/03/26								
	3 PLACES	±		2024/04/05								
	2 PLACES	±	0.05	2024/04/05								
	1 PLACE	±	0.3	INITIAL REVISION: DRWN: APAWLAK01 APPR: RSILLER								
	0 PLACES	±	0.5									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				A3-SIZE	121035	1210350367		PSD	000	B		
						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						SEE SHEET 3		GENERAL MARKET		2 OF 3		

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