

**PASSIVE-DI<sup>0</sup> PLASTIC,8XM12,5POL,PRE-WIRED CABLE**

3.0m PUR-JB 16\*0,34+3\*0,75

8-way, 5-pole

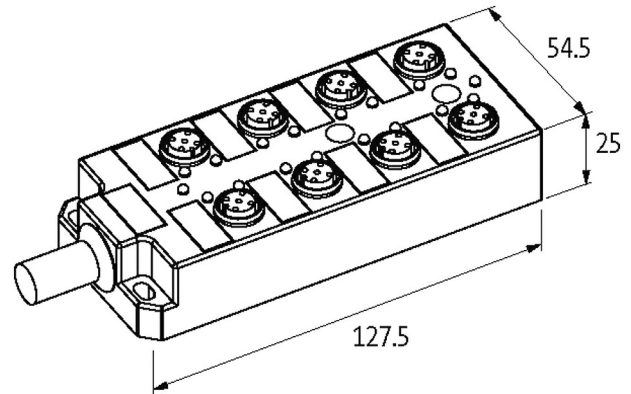
PUR/PVC

3.0 m

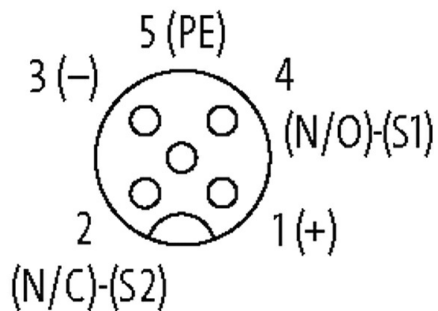
with LED for digital PNP-signals 24 V DC

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)**Illustration**

M12 Females 5-pole



Product may differ from Image

**Technical Data**

Operating voltage	24 V DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12x1 mm)
Signal per port	2
Total current	max. 10 A

**General data**

Temperature range	-20...+80 °C
Protection	IP67 inserted and tightened (EN 60529)
Dimensions HxWxD	127.5x54.5x25 mm

**Cables**

The information in this brochure has been compiled with the utmost care.  
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

No./diameter of wires	16× 0.34 + 3× 0.75 mm <sup>2</sup>
Wire isolation	PVC
C-track properties	2 Mio.
Outer Ø	10.0 mm ±5%
Cable identification	398
Cable Type	2 (PUR/PVC)
Cable number	398
Approval (cable)	UL (AWM-Style 21441/10955), CE conform
Cable weight [g/m]	165 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (0.34 mm <sup>2</sup> ), max. 26 Ω/km (0.75 mm <sup>2</sup> ); (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19× 0.15 mm (0.34 mm <sup>2</sup> ); 42× 0.15 mm (0.75 mm <sup>2</sup> ); (multi-strand wire class 5/6)
Diameter (core)	16× 0.34 + 3× 0.75 mm <sup>2</sup>
AWG	similar to AWG 22 (0.34 mm <sup>2</sup> ); similar to AWG 19 (0.75 mm <sup>2</sup> )
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 ±5 D
Wire-Ø incl. isolation	1.3 mm ±5% (0.34 mm <sup>2</sup> ); 1.8 mm ±5% (0.75 mm <sup>2</sup> )
Color/numbering of wires	wh, grpk, brgn, ye, whgn, gn, rdbl, vi, grbr, bk, whgr, rd, yebr, pk, whye, gr+bl, br, gnye longitudinally striped
Shield	no
Material (jacket)	PUR/PVC
Shore hardness (jacket)	87 ±5 A
Outer-Ø (jacket)	10.0 mm ±5%
Color (jacket)	gray
Jacket Color	gray
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Nominal voltage	U0/U 300/300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+60 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 2 m/s
Acceleration (C-track)	max. 10 m/s <sup>2</sup>
Material (jacket)	PUR/PVC (UL/CSA)

#### Contact Layout

PIN 1	(+)
PIN 2	(NC)/(S2)
PIN 3	(-)
PIN 4	(NO)/(S1)
PIN 5	(Earth)
	LED (green): Power / LED (yellow): (S1/S2)

#### Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879062930
eClass	27279219
Packaging unit	1.000