

**MVP12, 8XM12, 4POLE, PLUGGABLE CABLE**

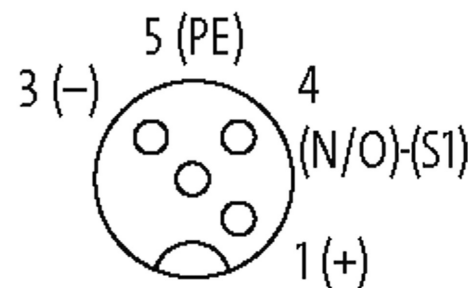
10.0m PUR/PVC 8x0,34+3x0,75

8-way, 4-pole

PUR/PVC

10.0 m

with LED for digital PNP-signals 24 V DC

[Link to Product](#)**Illustration****M12 Females 4-pole**

Product may differ from Image



UL

UL

**Technical Data**

Operating voltage	24 V DC $\pm$ 25%
Operating current per contact	max. 4 A
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Material	PBT
Housing	Plastic, flame retardant
Signal per port	1 - (31-32)
Total current	max. 8 A

**General data**

Temperature range	-20...+80 °C
Dimensions HxWxD	150x50.2x17 mm

**Cables**

No./diameter of wires	8x 0.34 + 3x 0.75 mm <sup>2</sup>
Wire isolation	PVC
C-track properties	2 Mio.
Outer Ø	8.1 mm $\pm$ 5%
Cable identification	362
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CE conform
Cable weight [g/m]	115,5 g
Material (wire)	Cu wire, bare

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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 (0.34 mm <sup>2</sup> ); 0.2 mm (0.75 mm <sup>2</sup> )
Construction (core)	19× 0.15 mm (0.34 mm <sup>2</sup> ); 24× 0.2 mm (0.75 mm <sup>2</sup> ); (multi-strand wire class 5)
Diameter (core)	8× 0.34 + 3× 0.75 mm <sup>2</sup>
AWG	similar to AWG 22 (0.34 mm <sup>2</sup> ); similar to AWG 18 (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, vi, gn, ye, gr, pk, rd, bk+br, bl, gnye longitudinally striped
Shield	no
Material (jacket)	PUR/PVC
Outer-Ø (jacket)	8.1 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 (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+70 °C
Temperature range (mobile)	-5...+70 °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)

**Commercial data**

country of origin	DE
customs tariff number	85369010
EAN	4048879064569
eClass	27279219
Packaging unit	1.000