

MVP12, 8XM12, 5POLE, PLUGGABLE CABLE

3.0m PUR/PVC 16x0,34+3x0,75

8-way, 5-pole

PUR/PVC

3.0 m

with LED for digital PNP-signals 24 V DC

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

Product may differ from Image

Approvals

cULus

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**More Info**

Bus technologies

General data

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

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	2
Total current	max. 8 A

Cables

No./diameter of wires	16x 0.34 + 3x 0.75 mm ²
Wire isolation	PVC
C-track properties	2 Mio.
Outer Ø	10.0 mm \pm 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 ²), max. 26 Ω /km (0.75 mm ²); (20 °C)
Single wire Ø (core)	0.15 mm

Construction (core)	19× 0.15 mm (0.34 mm ²); 42× 0.15 mm (0.75 mm ²); (multi-strand wire class 5/6)
Diameter (core)	16× 0.34 + 3× 0.75 mm ²
AWG	similar to AWG 22 (0.34 mm ²); similar to AWG 19 (0.75 mm ²)
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 ²); 1.8 mm ±5% (0.75 mm ²)
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 ²
Material (jacket)	PUR/PVC (UL/CSA)

Commercial data

country of origin	CZ
customs tariff number	85369010
EAN	4048879064460
eClass	27279219
Packaging unit	1.000