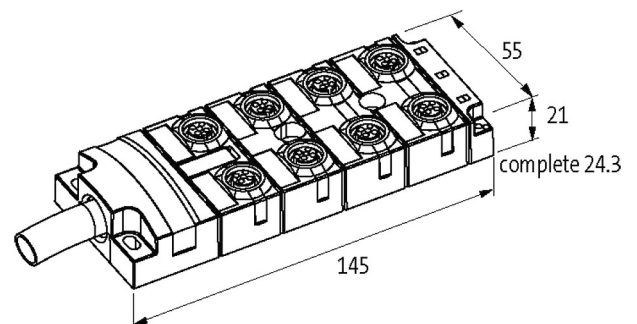
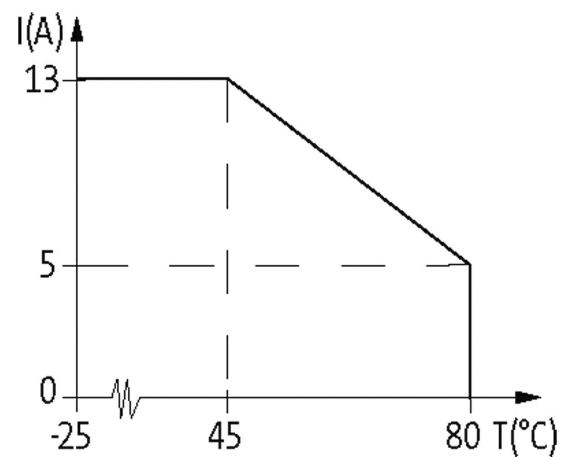


**MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE**

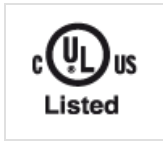
5.0m PUR 16x0,5+3x1,0, UL/CSA

8-way, 5-pole  
without LED for analog signals up to 125 V AC/DC  
Further cable lengths on request.  
5.0 m  
Replaces identical product (Art.No. 27497)

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

Product may differ from Image

**Approvals**



### Contact Layout

PIN 1	(+)
PIN 2	(NC)/(S2)
PIN 3	(-)
PIN 4	(NO)/(S1)
PIN 5	(Earth)

### General data

Temperature range	-20...+90 °C, depending on cable quality
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### Cables

Cable number	452
No./diameter of wires	16× 0.5 + 3× 1.0 mm <sup>2</sup>
Wire isolation	TPE (grpk, wh, rdbl, gn, whgn, ye, brgn, gr, whye, pk, yebr, rd, whgr, bk, grbr, vi, br, bl, gnye)
C-track properties	5 Mio.
Jacket Color	gray
Material (jacket)	PUR (UL/CSA)
Outer Ø	11.5 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	452
Approval (cable)	UL (AWM-Style 20233), CSA
Cable weight [g/m]	231,0
Material (wire)	Cu wire, bare
Resistor (core)	max. 39 Ω/km (0.5 mm <sup>2</sup> ); max. 20 Ω/km (1.0 mm <sup>2</sup> ); (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	64× 0.1 mm (0.5 mm <sup>2</sup> ), 128× 0.1 mm (1.0 mm <sup>2</sup> ); (multi-strand wire class 6)
Diameter (core)	16× 0.5 + 3× 1.0 mm <sup>2</sup>
AWG	similar to AWG 20 (0.5 mm <sup>2</sup> ); similar to AWG 17 (1.0 mm <sup>2</sup> )
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±3 D
Wire-Ø incl. isolation	1.6 mm ±5% (0.5 mm <sup>2</sup> ); 2.1 mm ±5% (1.0 mm <sup>2</sup> )
Material (jacket)	PUR
Outer-Ø (jacket)	11.6 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	300/300 V AC
Test voltage	2000 V AC
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio.
Travel speed (C-track)	max. 2 m/s

### Technical Data

Operating voltage	max. 125 V AC/DC
Operating current per contact	max. 4 A
Total current	max. 7.5 A

Locking of ports	Screw thread (M12×1 mm)
Protection	IP65, IP67, IP68
Housing	Zinc die casting, matte nickel plated

**Commercial data**

country of origin	CZ
customs tariff number	85444290
EAN	4048879351973
eClass	27279219
Packaging unit	1