

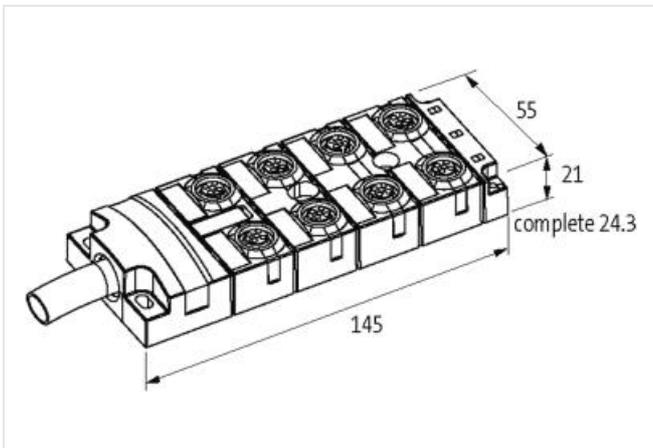
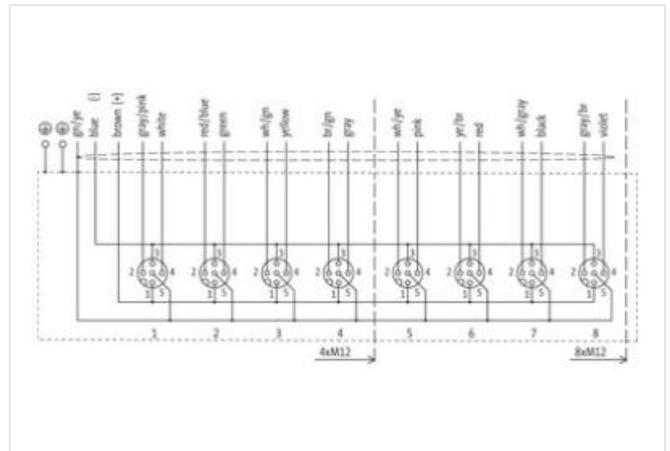
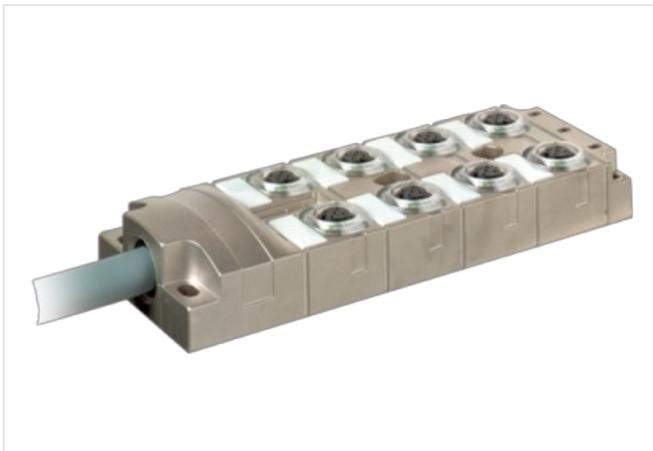
**MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE**

3.0m PUR 16x0,34+3X0.75, UL/CSA

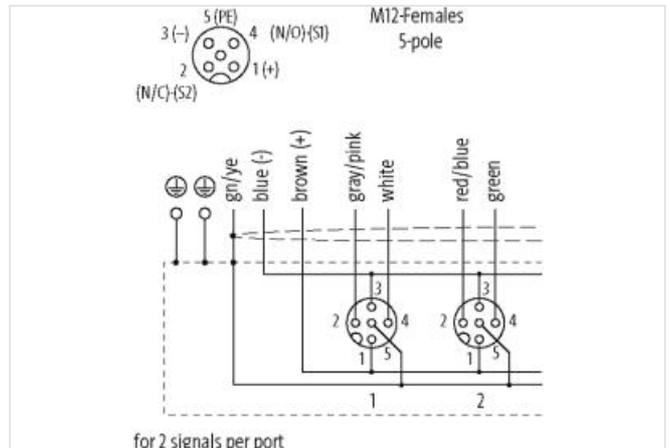
3.0 m  
 8-way, 5-pole  
 Replaces identical product (Art.No. 27516)  
 shielded  
 without LED for analog signals up to 125 V AC/DC  
 Further cable lengths on request.

[Link to Product](#)

**Illustration**



Product may differ from Image



**Technical Data**

Operating voltage	max. 125 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12x1 mm)
Protection	IP65, IP67, IP68

Housing Zinc die casting, matte nickel plated

#### General data

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

#### Cables

No./diameter of wires	16× 0.34 + 3× 0.75 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.
Outer Ø	11.7 mm ±5%
Cable identification	401
Cable number	401
Approval (cable)	UL (AWM-Style 20233/10042), CSA; CE conform
Cable weight [g/m]	237,6 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 53 Ω/km (0.34 mm <sup>2</sup> ); max. 26 Ω/km (0.75 mm <sup>2</sup> ); (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (0.34 mm <sup>2</sup> ); 96× 0.1 mm (0.75 mm <sup>2</sup> ); (multi-strand wire class 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 18 (0.75 mm <sup>2</sup> )
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.3 ±5% mm (0.34 mm <sup>2</sup> ); 2.6 ±5% (0.75 mm <sup>2</sup> )
Color/numbering of wires	grpk, wh, rdbl, gn, whgn, ye, brgn, gr, whye, pk, yebr, rd, whgr, bk, grbr, vi, br, bl, gnye
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 80%
Material (jacket)	PUR
Shore hardness (jacket)	94 ±5 A
Outer-Ø (jacket)	11.7 mm ±5%
Color (jacket)	gray
Jacket Color	gray
chemical resistance	good resistance to oil, gasoline and chemicals (ISO 6722)
Nominal voltage	300/300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+90 °C
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-40...+90 °C
Temperature range (mobile)	-40...+90 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	12× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 2 m/s
Material (jacket)	PUR (UL/CSA)

#### Contact Layout

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

Product article number of manufacturer 8000-58515-4010300