

**MVP12-METALL, 4XM12, 5-POLE, PRE-WIRED CABLE**

10.0m PUR 16x0,34+3X0.75

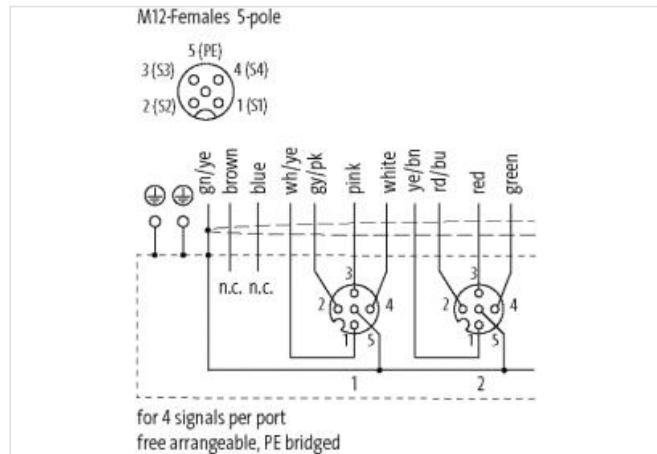
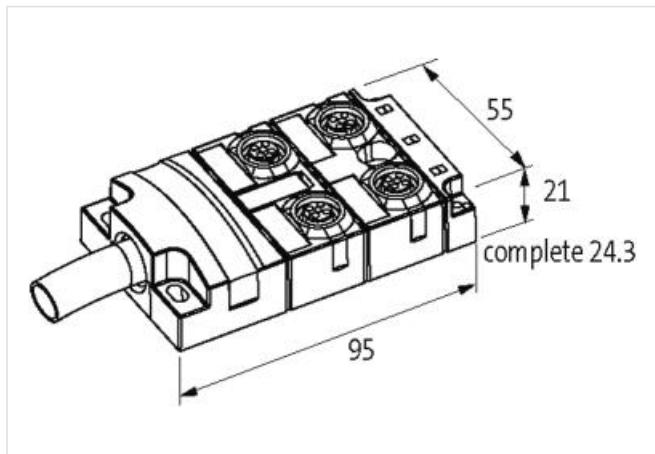
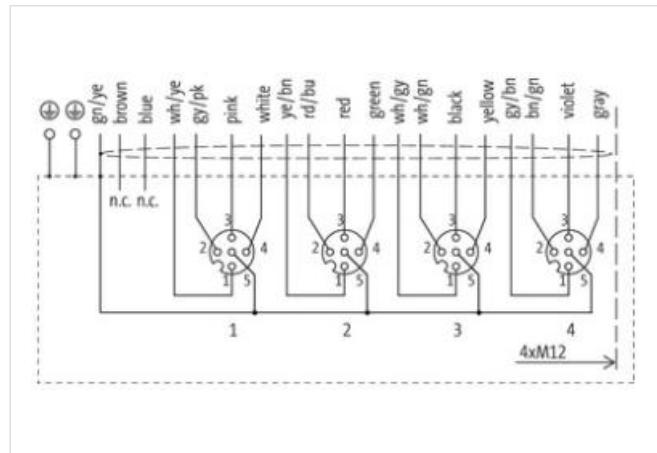
10.0 m

4-way UNIVERSAL, shielded

Replaces identical product (Art.No. 27463)

5-pole, with LED

Further cable lengths on request.

**Link to Product****Illustration**

Product may differ from Image

**Technical Data**

Operating voltage max. 42 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 16x 0.34 + 3x 0.75 mm<sup>2</sup>

Wire isolation	TPE (grp, 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)	42x 0.1 mm (0.34 mm <sup>2</sup> ); 96x 0.1 mm (0.75 mm <sup>2</sup> ); (multi-strand wire class 6)
Diameter (core)	16x 0.34 + 3x 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	grp, 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
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Temperature range (mobile)	-40...+90 °C
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Bend radius (fixed)	10x outer Ø
Bend radius (moving)	12x outer Ø
Bend radius (moving)	12x 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	(S1)
PIN 2	(S2)
PIN 3	(S3)
PIN 4	(S4)
PIN 5	(Earth)

Product article number of manufacturer 8000-54712-4011000