

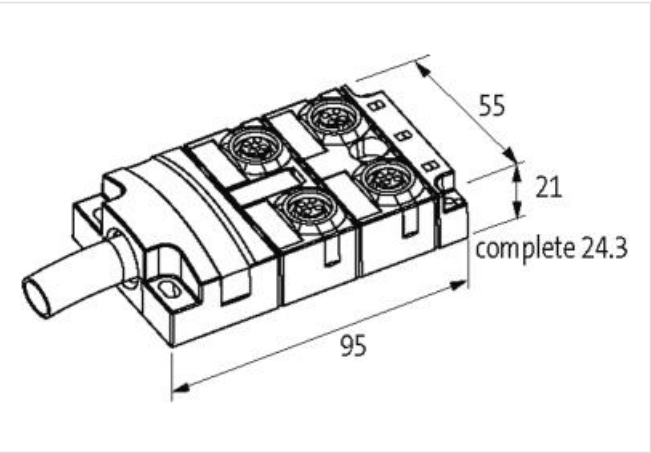
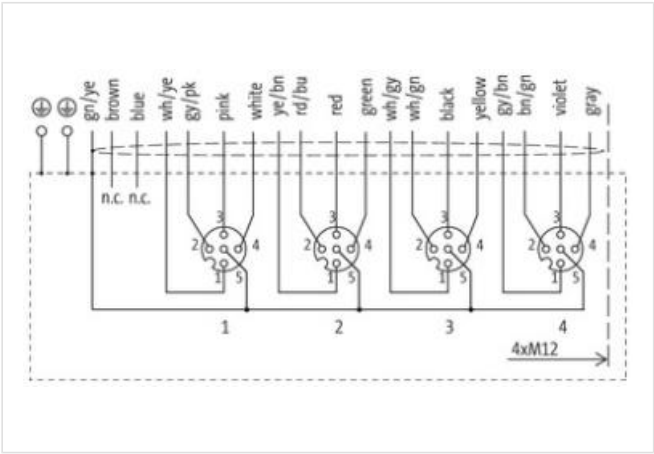
MVP12-METALL, 4XM12, 5-POLE, PRE-WIRED CABLE

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

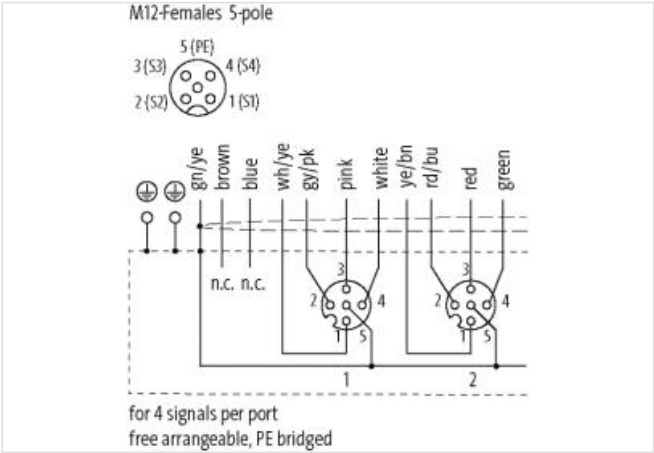
10.0 m
4-way UNIVERSAL, shielded
Replaces identical product (Art.No. 27463)
5-pole, with LED
Further cable lengths on request.

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 (M12×1 mm)
Protection	IP65, IP67, IP68
Housing	Zinc die casting, matte nickel plated

General data

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

No./diameter of wires	16× 0.34 + 3× 0.75 mm²
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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 mm²); max. 26 Ω/km (0.75 mm²); (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (0.34 mm²); 96× 0.1 mm (0.75 mm²); (multi-strand wire class 6)
Diameter (core)	16× 0.34 + 3× 0.75 mm²
AWG	similar to AWG 22 (0.34 mm²); similar to AWG 18 (0.75 mm²)
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.3 ±5% mm (0.34 mm²); 2.6 ±5% (0.75 mm²)
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	(S1)
PIN 2	(S2)
PIN 3	(S3)
PIN 4	(S4)
PIN 5	(Earth)

Product article number of manufacturer	8000-54712-4011000
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