

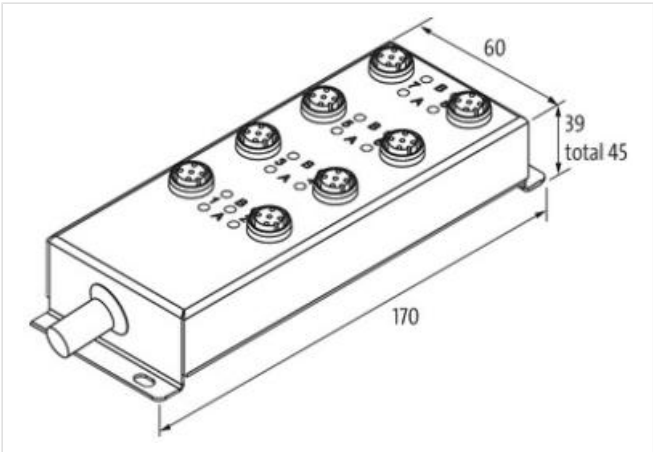
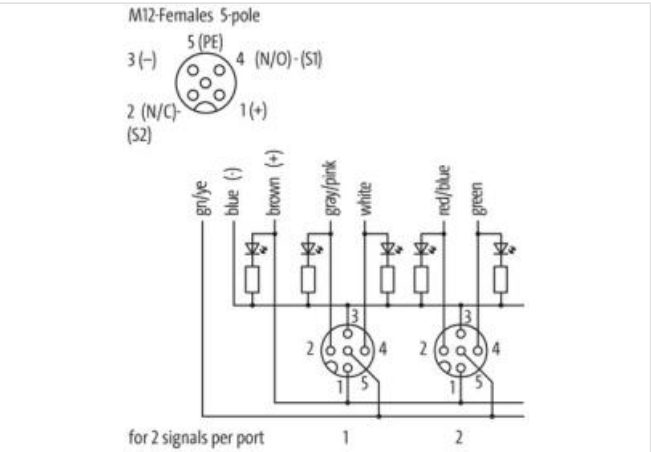
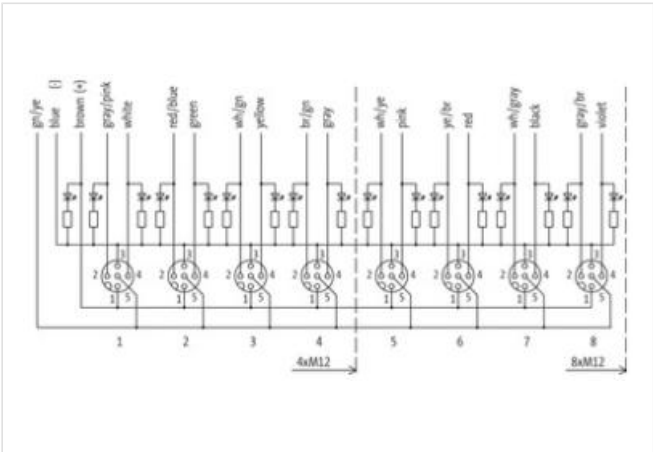
MVP12 Steel F&B, 8XM12, 5POLE, PRE-WIRED CABLE

5.0m TPE-V 16x0.5+3x1.0, UL/CSA

5.0 m
5-pole
Further cable lengths on request.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



Product may differ from Image

Technical Data	
Operating voltage	24 V DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12×1 mm)
Protection	IP65, IP68, IP69K inserted and tightened (EN 60529)
Housing	Stainless steel 1.4404 (V4A)
General data	
Temperature range	-30...+80 °C
Cables	
No./diameter of wires	16× 0.5 + 3× 1.0 mm²
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	11.6 mm ±5%
Cable identification	453
Cable number	453
Approval (cable)	FDA regulation 21 CFR 177.2600, CE conform
Cable weight [g/m]	199,1 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 39 Ω/km (0.5 mm ²); max. 20 Ω/km (1.0 mm ²); (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	64× 0.1 mm (0.5 mm ²), 128× 0.1 mm (1.0 mm ²); (multi-strand wire class 6)
Diameter (core)	16× 0.5 + 3× 1.0 mm ²
AWG	similar to AWG 20 (0.5 mm ²); similar to AWG 17 (1.0 mm ²)
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	65 ±3 D
Wire-Ø incl. isolation	1.6 mm ±5% (0.5 mm ²); 2.1 mm ±5% (1.0 mm ²)
Shield	no
Material (jacket)	TPE-V
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	80 ±5 A
Outer-Ø (jacket)	11.6 mm ±5%
Color (jacket)	gray
Jacket Color	gray
Nominal voltage	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)	-20...+90 °C
Temperature range (mobile)	-20...+90 °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. 5 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Material (jacket)	TPE-V

Contact Layout

PIN 1	(+)
PIN 2	(NC)/(S2)
PIN 3	(-)
PIN 4	(NO)/(S1)
PIN 5	(Earth)
LED (green): Power / LED (yellow): (S1/S2)	

Product article number of manufacturer 8044-78510-4530500