

M12 male 0° A-cod. / MSUD double valve A-18mm

PUR 4x0.75 bk UL/CSA 1m

Form A (18 mm) – M12, connector at the rear

24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

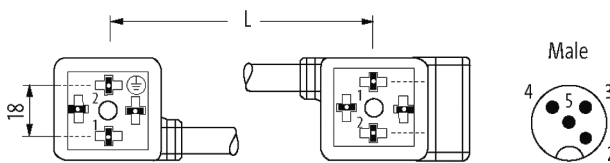
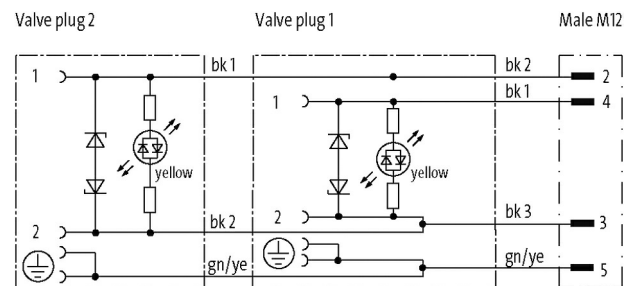
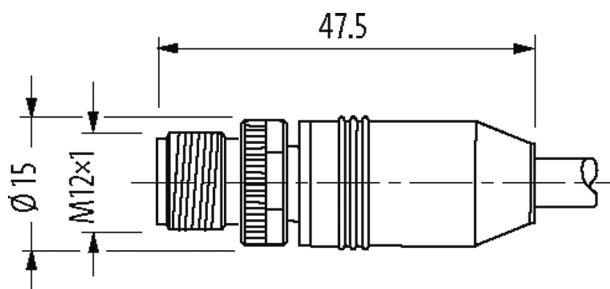
Connection cable L = 200 mm

Bridged PE

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product**Illustration**

Product may differ from Image

**Form**

Form 41611

Technical DataOperating voltage 24 V AC $\pm 20\%$ / DC $\pm 25\%$

Rated surge voltage 0.8 kV

Operating current per contact max. 4 A

Current consumption	max. 15 mA
Material group	IEC 60664-1, category I
Switch off peak	max. 55 V
Switch off delay time	max. 20 ms
Coding	A-coded
LED display	yellow
Locking of ports	M3/M12×1 mm (recommended torque 0.4/0.6 Nm)
Compression gland	M12 (SW13)
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	MSUD (PBT); M12 (PUR)
Housing	Black plastic (gray on request)
Additional suppressor	Diode/Z-Diode

General data

Pollution Degree	3
Material (gasket)	PUR
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	4× 0.75 mm ²
Wire isolation	PVC (bk num, gnye)
C-track properties	2 Mio.
Material (jacket)	PUR/PVC (UL/CSA)
Outer Ø	6.5 mm ±5%
Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	627
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	74,80
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	42× 0.15 mm (multi-strand wire class 6)
Diameter (core)	4× 0.75 mm ²
AWG	similar to AWG 18
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 ±5 D
Wire-Ø incl. isolation	1.8 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	6.5 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Jacket Color	black

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879427364
eClass	27143423
Packaging unit	1