

M12 male 0° A-cod. / MSUD valve plug B-10mm

PUR 3x0.75 bk UL/CSA 1.5m

Form B (10 mm) – M12, male straight

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

LED and suppression

Further cable lengths on request.

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.

[Link to Product](#)**Illustration**

Product may differ from Image

* only for products with UL/CSA approved cable

Form

Form 41001

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

Rated surge voltage 0.8 kV

Operating current per contact max. 4 A

Switch off peak max. 55 V

Switch off delay time max. 20 ms

Locking of ports M3/M12x1 mm (recommended torque 0.4/0.6 Nm)

Housing Black plastic (gray on request)

Protection IP67 inserted and tightened (EN 60529)

General data

Temperature range -25...+85 °C, depending on cable quality

CablesNo./diameter of wires 3x 0.75 mm²

Wire isolation PVC (bk num, gnye)

C-track properties 2 Mio.

Material (jacket)	PUR/PVC (UL/CSA)
Outer Ø	5.9 mm ±5%
Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	626
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	55,33
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)	3× 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	3 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)	5.9 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
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	4048879147613
eClass	27279218
Packaging unit	1