

MSUD valve plug BI-11mm with cable

PUR 3x0.75 bk UL/CSA 3m

MSUD

Form BI (11 mm)

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

LED

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**

Height: 30 mm

Product may differ from image



* only for products with UL/CSA approved cable

Form

Form 11001

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

Rated surge voltage 0.8 kV

Operating current per contact	max. 4 A
Locking of ports	M3 (recommended torque 0.4 Nm)
Protection	IP67 inserted and tightened (EN 60529)
Housing	Black plastic (gray on request)

General data

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

No./diameter of wires	3× 0.75 mm ²
Wire isolation	PVC (bk num, gnye)
C-track properties	2 Mio.
Outer Ø	5.9 mm ±5%
Cable identification	626
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	55,33 g
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
Cable labeling	see frame delivery specifications 7000-00000-001
Jacket Color	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 (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Material (jacket)	PUR/PVC (UL/CSA)

Commercial data

country of origin	CZ
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customs tariff number	85444290
EAN	4048879222198
eClass	27279218
Packaging unit	1.000