

**MSUD valve plug B-10mm with cable**

PUR 3x0.75 bk UL/CSA+drag ch. 10m

Form B (10 mm)

110 V AC/DC  $\pm 10\%$ 

LED and suppression

without cable sleeves

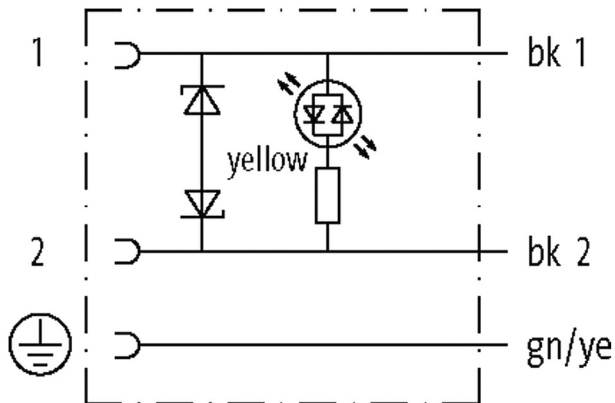
Plastic housings with good resistance against chemicals and oils.

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**

Height: 30 mm



Product may differ from Image

\* only for products with UL/CSA approved cable

**Form**

Form 10041

**Technical Data**Operating voltage 110 V AC/DC  $\pm 10\%$ 

Rated surge voltage 2.5 kV

Operating current per contact max. 4 A

No. of poles	3
Current consumption	max. 8 mA
Material group	IEC 60664-1, category I
Switch off peak	max. 250 V
Switch off delay time	max. 20 ms
LED display	yellow
Locking of ports	M3 (recommended torque 0.4 Nm)
Protection	IP67 inserted and tightened (EN 60529)
Material	PBT
Locking material	Steel (galvanized)
suitable for corrugated tube (internal Ø)	without
Housing	Black plastic (gray on request)
Additional suppressor	Diode/Z-Diode

#### General data

Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Ag
Pollution Degree	3
Stripping length (jacket)	50 mm
Temperature range	-25...+85 °C, depending on cable quality

#### Cables

No./diameter of wires	3× 0.75 mm <sup>2</sup>
Wire isolation	PP (bk num, gnye)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	5.9 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	636
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	56,10
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 <sup>2</sup>
AWG	similar to AWG 18
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.85 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
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)	90 ±5 A
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2

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

Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s <sup>2</sup>
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	black

**Commercial data**

country of origin	CZ
customs tariff number	85444290
eClass	27061801
Packaging unit	1