

**MSUD valve plug C-8mm with cable**

PUR 4x0.75 bk UL/CSA 6m

MSUD

Form C (8 mm)

0...230 V AC/DC

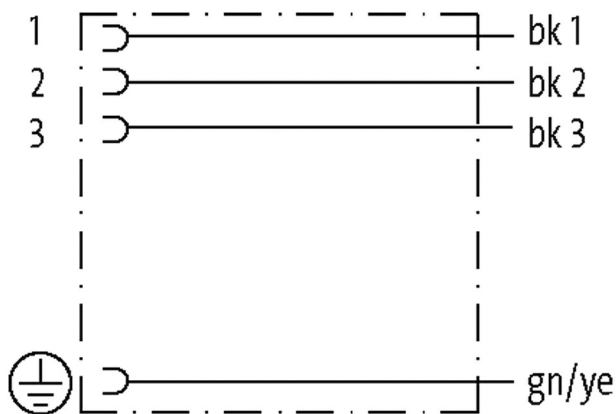
without components

4-pole

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

**Form**

Form 80141

**Technical Data**

Operating voltage	0...230 V AC/DC
Operating current per contact	max. 6 A
Locking of ports	M2.5 (recommended torque 0.4 Nm)
Housing	Black plastic (gray on request)

Protection IP66K, IP67 inserted and tightened (EN 60529)

#### General data

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

#### Cables

No./diameter of wires	4× 0.75 mm <sup>2</sup>
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 <sup>2</sup>
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
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 <sup>2</sup>
Jacket Color	black

#### Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879432627
eClass	27279218

Packaging unit

1