

**MSUD valve plug CI-9.4mm with cable**

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

**MSUD**

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

Form CI (9.4 mm)

0...230 V AC/DC

without components

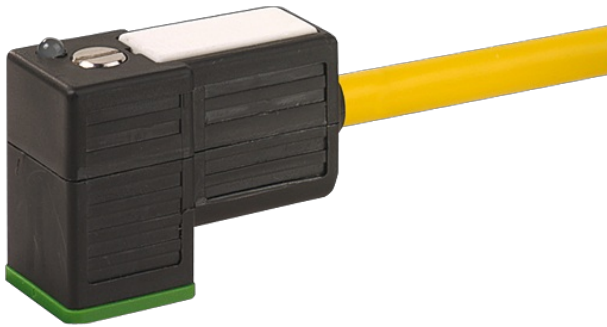
3-pole

Bridged PE

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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

Product may differ from Image

\* only for products with UL/CSA approved cable

**Form**

Form 94061

**Technical Data**

Operating voltage max. 230 V AC/DC

Rated surge voltage 4.0 kV

Operating current per contact max. 6 A

|   |  |
|---|--|
| Material group                            | IEC 60664-1, category I                |
| Locking of ports                          | M3 (recommended torque 0.4 Nm)         |
| Protection                                | IP67 inserted and tightened (EN 60529) |
| Locking material                          | Steel (galvanized)                     |
| Material                                  | PBT                                    |
| suitable for corrugated tube (internal Ø) | without                                |
| Housing                                   | Black plastic (gray on request)        |

**General data**

|                   |  |
|-------------------|--|
| Pollution Degree  | 3  |
| Material (gasket) | PUR                                      |
| 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               | 036  |
| 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 (jacket)                     | yellow   |
| 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%   |
| 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  |
| 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   |

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

|                        |                          |
|------------------------|--------------------------|
| 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           | yellow                   |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879114691 |
| eClass                | 27279218      |
| Packaging unit        | 1             |