

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

PUR 3x0.75 ye UL/CSA+robot+drag ch. 7.5m

MSUD

Form B (10 mm)

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

LED and suppression

PE opposite cable entry (180°)

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 10081

**Technical Data**Operating 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                              |
| Locking of ports              | M3 (recommended torque 0.4 Nm)         |
| Protection                    | IP67 inserted and tightened (EN 60529) |
| Housing                       | Black plastic (gray on request)        |
| Switch off delay time         | max. 20 ms                             |

#### General data

|                   |  |
|-------------------|--|
| 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.   |
| Outer Ø                            | 5.2 mm ±5%  |
| Cable identification               | 056   |
| Cable Type                         | 5 (PUR schweißfunkenbeständig)  |
| Approval (cable)                   | cURus (AWM-Style 20549/10493); CE conform   |
| Cable weight [g/m]                 | 48,4 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 <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)    | 74 ±3 D   |
| Wire-Ø incl. isolation             | 1.7 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-, microbial- and welding spark resistant |
| Shore hardness (jacket)            | 58 ±3 D   |
| Outer-Ø (jacket)                   | 5.2 mm ±5%  |
| Color (jacket)                     | yellow  |
| Cable labeling                     | see frame delivery specifications 7000-00000-001  |
| Jacket Color                       | yellow  |
| chemical resistance                | good resistance to oil, gasoline and chemicals (EN 60811-404)   |
| thermal resistance                 | flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant  |
| Nominal voltage                    | 300 V AC  |
| Test voltage                       | 2500 V AC   |
| Current load capacity              | to DIN VDE 0298-4   |
| Temperature range (fixed)          | -40...+80 °C  |
| Temperature range (fixed)          | -40...+80 °C, (+90 °C at max. 10 000 operating hours)   |
| Temperature range (mobile)         | -25...+80 °C  |
| 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   |
| Bend radius (moving)               | 10× outer Ø   |
| No. of bending cycles (C-track)    | max. 10 Mio. (25 °C)  |
| Travel speed (C-track)             | max. 3.3 m/s  |

|                        |                             |
|------------------------|-----------------------------|
| Acceleration (C-track) | max. 5 m/s <sup>2</sup>     |
| Torsion stress         | ±360°/m                     |
| No. of torsion cycles  | max. 1 Mio. (25 °C)         |
| Torsion speed          | 35 cycles/min               |
| Material (jacket)      | PUR (UL/CSA), welding spark |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879660396 |
| eClass                | 27279218      |
| Packaging unit        | 1.000         |