

**MSUD valve plug BI-11mm with cable**

PVC 3x0.75 ye 3m

MSUD

Form BI (11 mm)

0...230 V AC/DC

without components

PE at cable entry (0°)

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 11061

**Technical Data**

Operating voltage max. 250 V AC/DC

Rated surge voltage 4.0 kV

|                               |  |
|-------------------------------|--|
| Operating current per contact | max. 10 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 |
|-------------------|--|

**Cables**

|                                    |  |
|------------------------------------|--|
| No./diameter of wires              | 3× 0.75 mm <sup>2</sup>                          |
| Wire isolation                     | PVC (bk num, gnye)                               |
| Outer Ø                            | 5.9 mm ±5%                                       |
| Cable identification               | 016  |
| Cable Type                         | 1 (PVC)  |
| Approval (cable)                   | CE conform                                       |
| Cable weight [g/m]                 | 63,8 g   |
| Material (wire)                    | Cu wire, bare                                    |
| Resistor (core)                    | max. 26 Ω/km (20 °C)                             |
| Single wire Ø (core)               | 0.2 mm   |
| Construction (core)                | 24× 0.2 mm (multi-strand wire class 5)           |
| Diameter (core)                    | 3× 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              | 3 wires twisted                                  |
| Shield                             | no   |
| Material (jacket)                  | PVC  |
| Material property (jacket)         | CFC-, cadmium-, silicone- and lead-free          |
| Shore hardness (jacket)            | 80 ±5 A  |
| Outer-Ø (jacket)                   | 5.9 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   |
| Nominal voltage                    | 300/500 V AC                                     |
| Test voltage                       | 3000 V AC  |
| Current load capacity              | to DIN VDE 0298-4                                |
| Temperature range (fixed)          | -30...+70 °C                                     |
| Temperature range (fixed)          | -30...+70 °C                                     |
| Temperature range (mobile)         | -5...+70 °C                                      |
| Temperature range (mobile)         | -5...+70 °C                                      |
| Bend radius (fixed)                | 5× outer Ø                                       |
| Bend radius (moving)               | 10× outer Ø                                      |
| Bend radius (moving)               | 10× outer Ø                                      |
| Material (jacket)                  | PVC  |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879220927 |
| eClass                | 27279218      |
| Packaging unit        | 1.000         |