

**MSUD VALVE PLUG FORM BI 11MM**

PUR 3X0.75 GRAY, 7.5m

MSUD

Form BI (11 mm)

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

LED and suppression

PE opposite cable entry (180°)

Attention: Contact carrier turned to 180°!

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

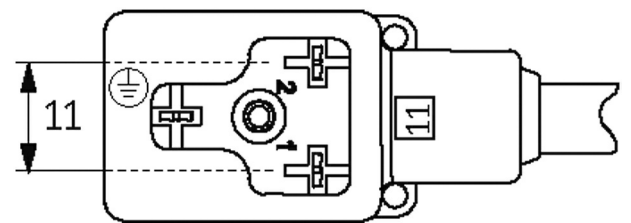
The resistance to aggressive media should be individually tested for your application. Further details on request.

**Illustration**

stay connected



Height: 30 mm



Product may differ from Image

**Approvals**

cCSAus \* only for products with UL/GSA approved cable

**Form**

Form

11081

| 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                     | PVC (bk num, gnye)   |
| C-track properties                 | 2 Mio.   |
| Material (jacket)                  | PUR/PVC (UL/CSA)   |
| Outer Ø                            | 5.9 mm ±5%   |
| Bend radius (moving)               | 15× outer Ø  |
| Temperature range (fixed)          | -30...+80 °C   |
| Temperature range (mobile)         | -5...+80 °C  |
| Cable identification               | 226  |
| Cable Type                         | 2 (PUR/PVC)  |
| Approval (cable)                   | UL (AWM-Style 20549/1731), CSA; CE conform   |
| Cable weight [g/m]                 | 55,33  |
| 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)          | 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)                  | 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)                   | 5.9 mm ±5%   |
| Color (jacket)                     | gray   |
| 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                       | gray   |
| Technical Data                     |  |
| Operating voltage                  | 24 V AC ±20% / DC ±25%   |

|                               |  |
|-------------------------------|--|
| Rated surge voltage           | 0.8 kV                                 |
| Operating current per contact | max. 4 A                               |
| Current consumption           | max. 15 mA                             |
| Material group                | IEC 60664-1, category I                |
| Switch off peak               | max. 55 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) |
| Locking material              | Steel (galvanized)                     |
| Material                      | PBT                                    |
| Housing                       | Black plastic (gray on request)        |
| Additional suppressor         | Diode/Z-Diode                          |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879220248 |
| eClass                | 27279218      |
| Packaging unit        | 1             |