

## **MSUD VALVE PLUG FORM BI 11MM**

PVC 3X0.75 black 7.5m

MSUD

Form BI (11 mm)

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

LED and suppression

PE opposite cable entry (180°)

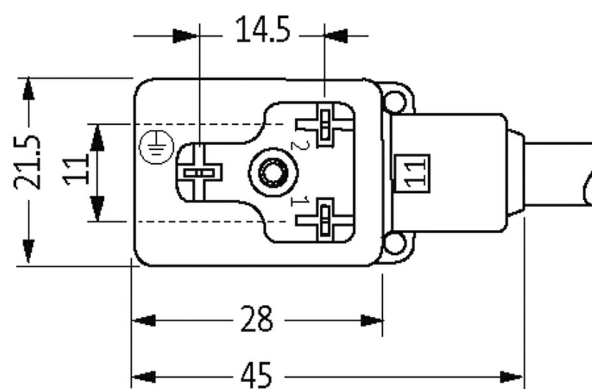
Attention: Contact carrier turned to 180°!

Further cable lengths on request.

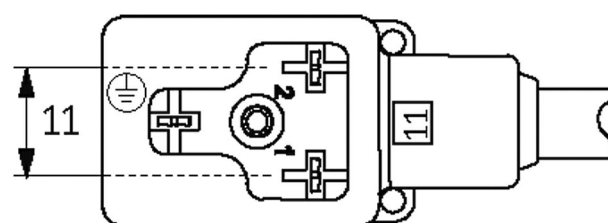
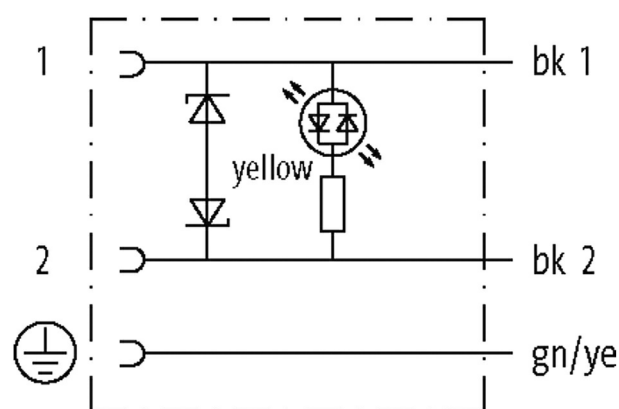
Plastic housings with good resistance against chemicals and oils.

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/CSA 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)                             |
| Material (jacket)                  | PVC                                            |
| Outer Ø                            | 5.9 mm ±5%                                     |
| Bend radius (moving)               | 10× outer Ø                                    |
| Temperature range (fixed)          | -30...+70 °C                                   |
| Temperature range (mobile)         | -5...+70 °C                                    |
| Cable identification               | 616                                            |
| Cable Type                         | 1 (PVC)                                        |
| Approval (cable)                   | CE conform                                     |
| Cable weight [g/m]                 | 61,60                                          |
| 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)                     | black                                          |
| 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 (mobile)         | -5...+70 °C                                    |
| Bend radius (fixed)                | 5× outer Ø                                     |
| Bend radius (moving)               | 10× outer Ø                                    |
| Jacket Color                       | black                                          |
| 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                   | 4048879220071 |
| eClass                | 27279218      |
| Packaging unit        | 1             |