

## **MSUD VALVE PLUG FORM B 10 MM F&B**

PVC 3X0.75 GRAY, 10m

Form B (10 mm)

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

3-pole

Screw, Stainless Steel 1.4404 (V4A)

Diode/Z-Diode

without cable sleeves

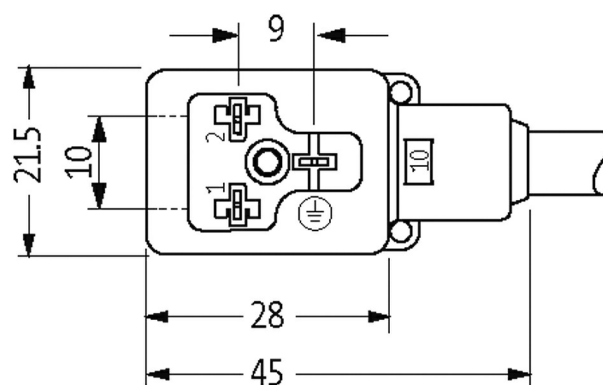
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

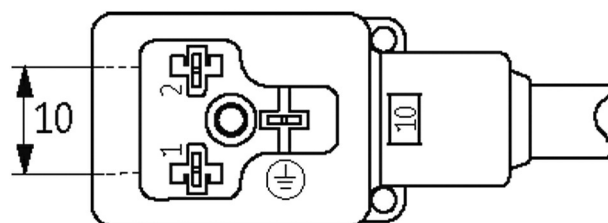
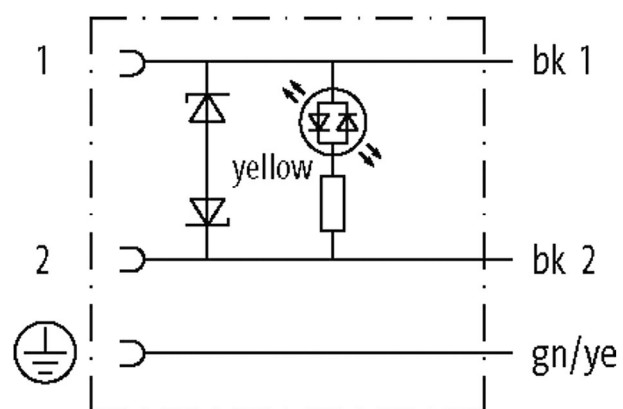
The resistance to aggressive media should be individually tested for your application. Further details on request.

### [Link to Product](#)

#### **Illustration**



Height: 30 mm



Product may differ from Image

#### Approvals

**Form**

Form 10021

**General data**

|                            |                                          |
|----------------------------|------------------------------------------|
| Mounting method            | inserted, tightened                      |
| Material (contact)         | Copper alloy                             |
| Material (contact surface) | Au                                       |
| Material (gasket)          | PUR                                      |
| Pollution Degree           | 3                                        |
| 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               | 216                                            |
| Cable Type                         | 1 (PVC)                                        |
| Approval (cable)                   | CE conform                                     |
| Cable weight [g/m]                 | 63,80                                          |
| 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)                     | gray                                           |
| 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               | gray        |

**Technical Data**

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Operating voltage             | 24 V AC/DC ±25%                                     |
| Rated surge voltage           | 0.8 kV                                              |
| Operating current per contact | max. 4 A                                            |
| No. of poles                  | 3                                                   |
| Material group                | IEC 60664-1, category I                             |
| Current consumption           | approx. 12 mA                                       |
| Switch off peak               | max. 55 V                                           |
| LED display                   | (yellow)                                            |
| Locking of ports              | M3 (recommended torque 0.4 Nm)                      |
| Protection                    | IP65, IP68, IP69K inserted and tightened (EN 60529) |
| Compression gland             | M3 (recommended torque 0.4 Nm)                      |
| Material                      | PBT                                                 |
| Locking material              | Stainless steel 1.4404 (V4A)                        |
| Housing                       | Gray plastic                                        |
| Additional suppressor         | Diode/Z-Diode                                       |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879109000 |
| eClass                | 27279218      |
| Packaging unit        | 1             |