

**MSUD VALVE PLUG FORM A 18MM CABLE BRIDGE RECTIFIER**

PVC 3X0.75 black 10m

MSUD

Form A (18 mm)

110 V AC/DC  $\pm 10\%$

LED and suppressor

without cable sleeves

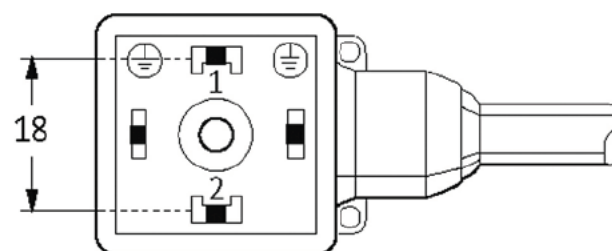
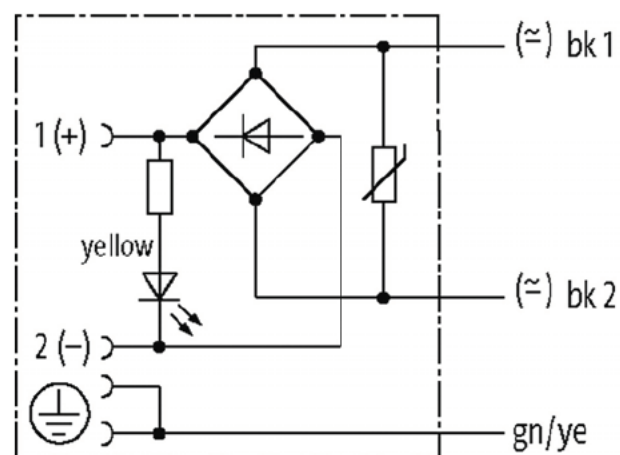
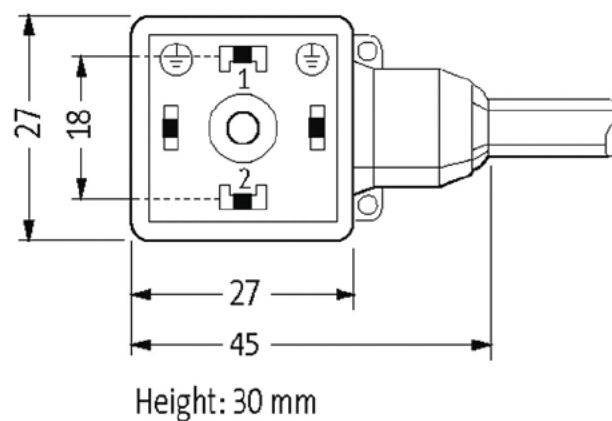
Further cable lengths on request.

Past 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



Product may differ from image

#### Approvals



| Form                               |                                               |
|------------------------------------|-----------------------------------------------|
| Form                               | 83                                            |
| General data                       |                                               |
| Mounting method                    | inserted tightened                            |
| Material (contact)                 | Copper alloy                                  |
| Material (contact surface)         | Ag                                            |
| Pollution Degree                   | 3                                             |
| Stripping length (jacket)          | 50 mm                                         |
| 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)               | 0× outer Ø                                    |
| Temperature range (fixed)          | 30 +70 °C                                     |
| Temperature range (mobile)         | 5 +70 °C                                      |
| Cable identification               | 6 6                                           |
| Cable Type                         | (PVC)                                         |
| Approval (cable)                   | CE conform                                    |
| Cable weight [g/m]                 | 6 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 8                              |
| 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              | 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 D N VDE 0298 4                             |
| Temperature range (fixed)          | 30 +70 °C                                     |

|                            |            |
|----------------------------|------------|
| Temperature range (mobile) | 5 +70 °C   |
| Bend radius (fixed)        | 5× outer Ø |
| Bend radius (moving)       | 0× outer Ø |
| Jacket Color               | black      |

**Technical Data**

|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| Operating voltage                         | 0 V AC/DC 0%                          |
| Rated surge voltage                       | 2.5 kV                                |
| Operating current per contact             | max. A                                |
| No. of poles                              | 4                                     |
| Current consumption                       | 4 mA                                  |
| Material group                            | EC 60664 category                     |
| Switch off peak                           | max. 250 V                            |
| LED display                               | LED (yellow)                          |
| Locking of ports                          | M3 (recommended torque 0.4 Nm)        |
| Protection                                | P67 inserted and tightened (EN 60529) |
| Material                                  | PBT                                   |
| Locking material                          | Steel (galvanized)                    |
| suitable for corrugated tube (internal Ø) | without                               |
| Housing                                   | Black plastic (gray on request)       |
| Additional suppressor                     | Flyback diode/Varistor                |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879343558 |
| eClass                | 272792 8      |
| Packaging unit        |               |