

## MSUD VALVE PLUG FORM A 18MM

PUR 5X0.75 GRAY, 20m

MSUD

Form A (18 mm)

24 V DC  $\pm 25\%$

LED (yellow/green)

for pressure switches

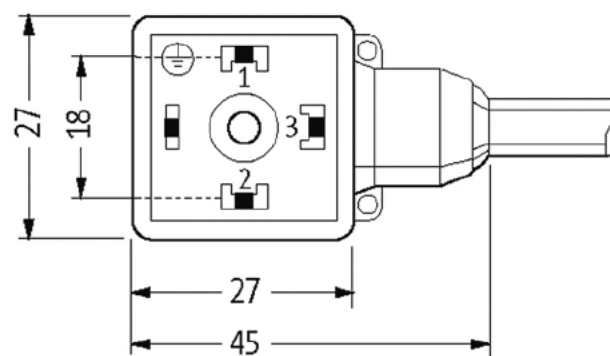
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

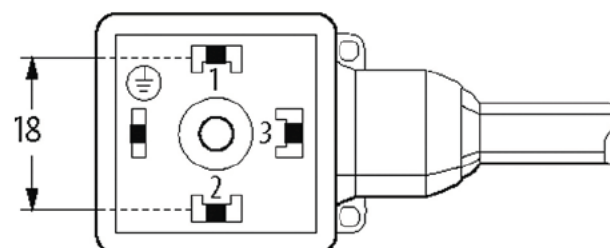
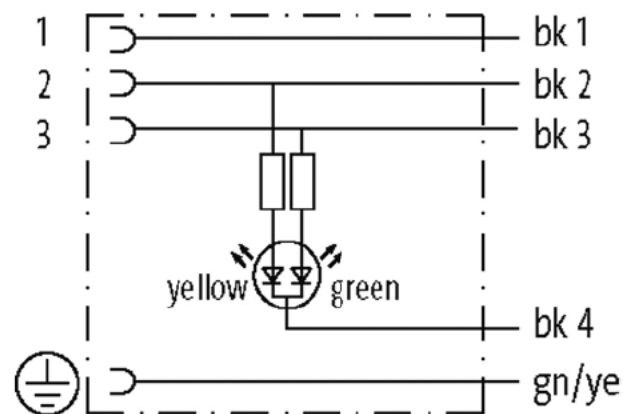
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration



Height: 30 mm



Product may differ from image

## Approvals

cCSAus

\* only for products with UL/CSA approved cable

## Form

Form

8 4

**General data**

Temperature range 25 +85 °C depending on cable quality

**Cables**

|                                    |                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| No /diameter of wires              | 5× 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                            | 7.0 mm 5%                                                                                                                                  |
| Bend radius (moving)               | 5× outer Ø                                                                                                                                 |
| Temperature range (fixed)          | 30 +80 °C                                                                                                                                  |
| Temperature range (mobile)         | 5 +80 °C                                                                                                                                   |
| Cable identification               | 228                                                                                                                                        |
| Cable Type                         | 2 (PUR/PVC)                                                                                                                                |
| Approval (cable)                   | UL (AWM Style 20549/ 73 ) CSA; CE conform                                                                                                  |
| Cable weight [g/m]                 | 84.70                                                                                                                                      |
| Material (wire)                    | Cu wire bare                                                                                                                               |
| Resistor (core)                    | max 26 Ω/km (20 °C)                                                                                                                        |
| Single wire Ø (core)               | 0.5 mm                                                                                                                                     |
| Construction (core)                | 42× 0.5 mm (multi strand wire class 6)                                                                                                     |
| Diameter (core)                    | 5× 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              | 5 wires twisted around central filler                                                                                                      |
| 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)                   | 7.0 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)                | 0× outer Ø                                                                                                                                 |
| Bend radius (moving)               | 5× 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 DC 25%                           |
| Operating current per contact | max 4 A                               |
| Locking of ports              | M3 (recommended torque 0.4 Nm)        |
| Housing                       | Black plastic (gray on request)       |
| Protection                    | P67 inserted and tightened (EN 60529) |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85444290      |
| EAN                   | 4048879 89903 |
| eClass                | 272792 8      |

Packaging unit