

**MSUD valve plug A-18mm with cable V4A**

PUR 3x0.75 gy UL/CSA+drag ch. 3m

MSUD

Form A (18 mm)

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

LED and suppression

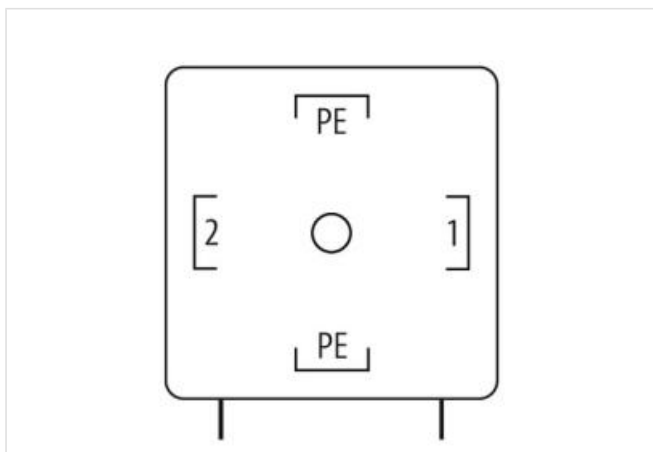
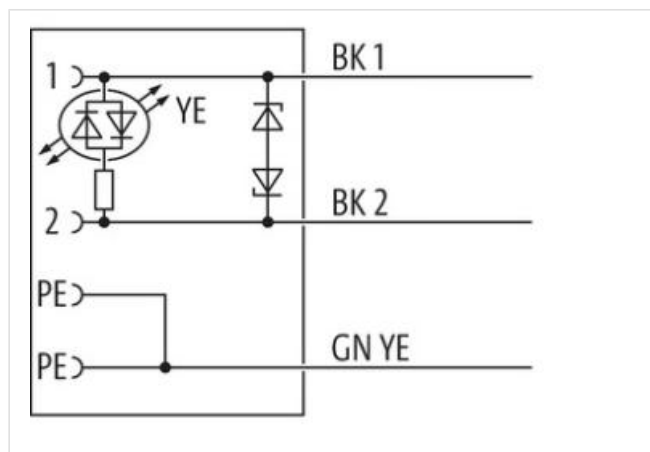
Screw, Stainless Steel 1.4404 (V4A)

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

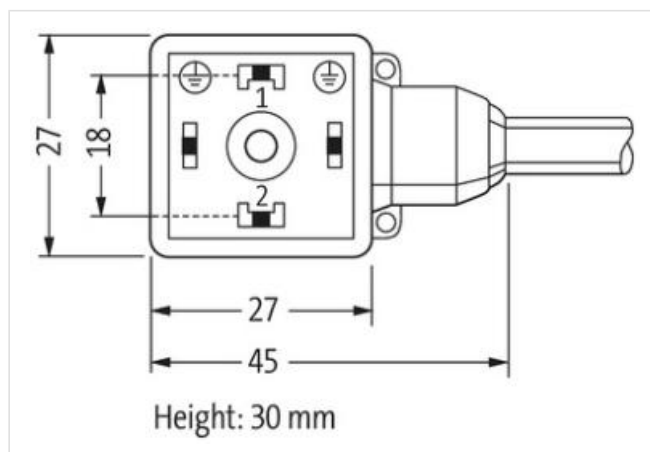
Further cable lengths on request.

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 naar het product](#)**Afbeelding**

Product van afwijken van afbeelding



Cable length

3 m

**Side 1**

|                                     |             |
|-------------------------------------|-------------|
| Tightening torque                   | 0,4 Nm      |
| Family construction form            | M12         |
| Thread                              | M3          |
| Degree of protection (EN IEC 60529) | IP66K, IP67 |

**Commerciële gegevens**

|                      |               |
|----------------------|---------------|
| ECLASS-6.0           | 27279218      |
| ECLASS-7.0           | 27279218      |
| ECLASS-8.0           | 27279218      |
| ECLASS-9.0           | 27060311      |
| ECLASS-10.1          | 27060312      |
| ECLASS-11.1          | 27060312      |
| ECLASS-12.0          | 27060312      |
| ETIM-5.0             | EC001855      |
| Douane tarief nummer | 85444290      |
| GTIN                 | 4048879808668 |
| Verpakkingseenheid   | 1             |

**Electrical data**

|             |       |
|-------------|-------|
| Capacity CX | 20 ms |
|-------------|-------|

**Electrical data | Supply**

|                                    |       |
|------------------------------------|-------|
| Operating voltage AC               | 110 V |
| Operating voltage AC min.          | 99 V  |
| Operating voltage AC max.          | 121 V |
| Operating voltage DC               | 110 V |
| Operating voltage DC min.          | 99 V  |
| Operating voltage DC max.          | 121 V |
| Cut-off peak voltage max.          | 250 V |
| Current operating per contact max. | 4 A   |

**Diagnostics**

|                       |        |
|-----------------------|--------|
| Status indication LED | yellow |
|-----------------------|--------|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Material group (IEC 60664-1)           | I                 |
| Additional suppressor                  | Diode, Z-Diode    |

**Mechanical data | Material data**

|                  |                              |
|------------------|------------------------------|
| Color housing    | black                        |
| Material gasket  | PUR                          |
| Material housing | PBT                          |
| Locking material | Stainless steel 1.4404 (V4A) |

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

**Installation | Cable**

|                                   |                         |
|-----------------------------------|-------------------------|
| Cable identification              | 236                     |
| Cable Type                        | 3                       |
| Printing color of wire insulation | white (isolation black) |
| Jacket Color                      | gray                    |
| Type of Certificate               | cURus                   |
| Amount stranding                  | 1                       |

|                                                         |                                                                |
|---------------------------------------------------------|----------------------------------------------------------------|
| Stranding                                               | 3 wires twisted                                                |
| wire arrangement                                        | black 1, black 2, green-yellow                                 |
| No. of bending cycles (C-track)                         | 10 Mio. @ 25 °C                                                |
| Cable weight                                            | 56,1 g/m                                                       |
| Material jacket                                         | PUR                                                            |
| Shore hardness jacket                                   | 90 ± 5 Shore A                                                 |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                                 | 5,9 mm                                                         |
| Tolerance outer diameter (sheath)                       | ± 5 %                                                          |
| Material wire insulation                                | PP                                                             |
| Amount wires                                            | 3                                                              |
| Outer diameter insulation                               | 1,85 mm                                                        |
| Outer diameter tolerance core insulation                | ± 5 %                                                          |
| Shore hardness wire insulation                          | 70 ± 5 Shore D                                                 |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Printing color of wire insulation                       | white (isolation black)                                        |
| Amount strands (wire)                                   | 42                                                             |
| Diameter of single wires                                | 0,15 mm                                                        |
| Conductor crosssection (wire)                           | 0,75 mm²                                                       |
| Material conductor wire                                 | Stranded copper wire, bare                                     |
| Conductor type (wire)                                   | strand class 6                                                 |
| Traversing distance (C-track)                           | 10 m @ 25 °C   horizontal                                      |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                         | 12 A                                                           |
| Electrical resistance line constant wire                | 26 Ω/km @ 20 °C                                                |
| Nominal voltage power AC max.                           | 300 V                                                          |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s                                                  |
| AC withstand voltage power (wire - wire)                | 2,5 kV @ 60 s                                                  |
| Min. operating temperature (static)                     | -40 °C                                                         |
| Max. operating temperature (fixed)                      | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)                    | -25 °C                                                         |
| Operating temperature max. (dynamic)                    | 80 °C / 90 °C @ 10000 h Operation                              |
| Flame resistance                                        | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2            |
| chemical resistance                                     | Good, application-related testing                              |
| Gasoline resistance                                     | Good, application-related testing                              |
| Oil resistance                                          | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (fixed)                                  | 5 x Outer diameter                                             |
| Bending radius (dynamic)                                | 10 x Outer diameter                                            |
| No. of torsion cycles                                   | 2 Mio.                                                         |
| Torsion speed                                           | 35 cycles/min                                                  |
| Torsion stress                                          | ± 180 °/m                                                      |