

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

PUR 5x0.75 bk UL/CSA 10m

**MSUD**

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

Form A (18 mm)

24 V DC  $\pm 25\%$ 

4-pole

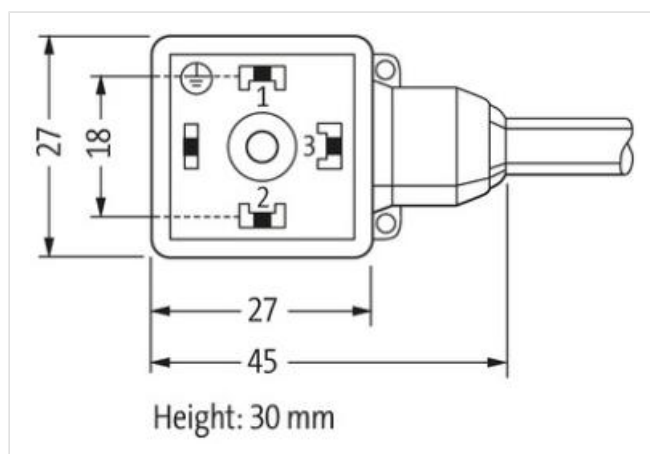
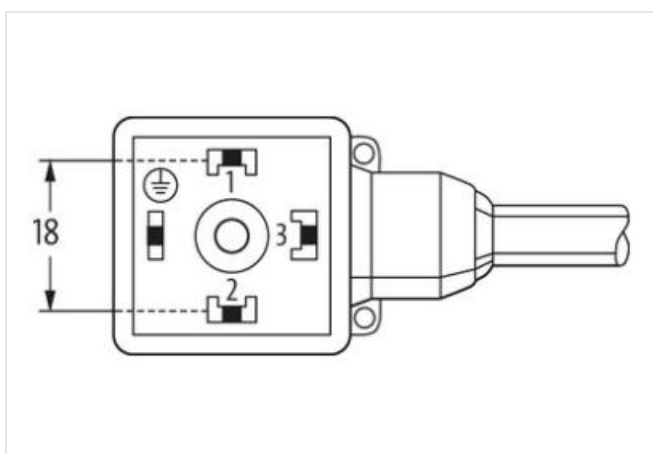
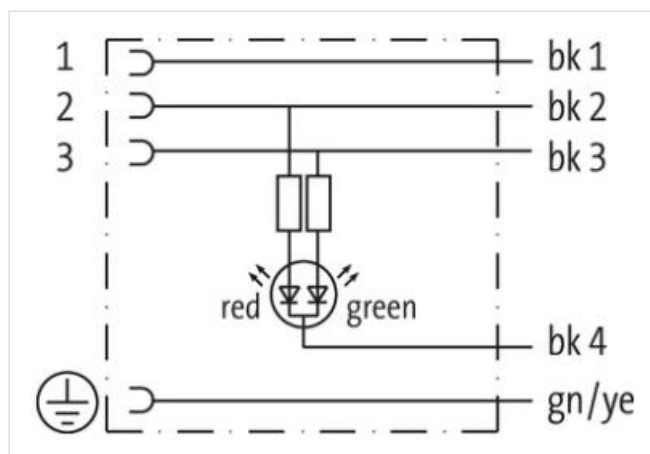
LED (red/green)

Screw, Stainless Steel 1.4404 (V4A)

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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

Product van afwijken van afbeelding



|              |      |
|--------------|------|
| Cable length | 10 m |
|--------------|------|

**Side 1**

|                                     |                   |
|-------------------------------------|-------------------|
| Tightening torque                   | 0,4 Nm            |
| Mounting method                     | inserted, screwed |
| Coating contact                     | silver-plated     |
| Family construction form            | MSUD              |
| Thread                              | M3                |
| Material contact                    | Copper alloy      |
| No. of poles                        | 4                 |
| Degree of protection (EN IEC 60529) | IP67              |

**Side 2**

|                 |               |
|-----------------|---------------|
| Coating contact | silver-plated |
|-----------------|---------------|

**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                 | 4048879110792 |
| Verpakkingseenheid   | 1             |

**Electrical data | Supply**

|                                    |       |
|------------------------------------|-------|
| Operating voltage DC               | 24 V  |
| Operating voltage DC min.          | 18 V  |
| Operating voltage DC max.          | 30 V  |
| Current operating per contact max. | 4 A   |
| Current consumption max.           | 15 mA |

**Diagnostics**

|                       |            |
|-----------------------|------------|
| Status indication LED | green, red |
|-----------------------|------------|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 0,8 kV            |
| Material group (IEC 60664-1)           | I                 |

**Mechanical data**

|                             |         |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

**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 | 628 |
|----------------------|-----|

|                                                         |                                                  |
|---------------------------------------------------------|--------------------------------------------------|
| Cable Type                                              | 2                                                |
| Printing color of wire insulation                       | white (isolation black)                          |
| Jacket Color                                            | black                                            |
| Type of Certificate                                     | cURus                                            |
| STOOW style jacket                                      | Signal                                           |
| Amount stranding                                        | 1                                                |
| Stranding                                               | 5 wires around Filler twisted                    |
| Filler                                                  | yes                                              |
| wire arrangement                                        | black 1, black 2, black 3, green-yellow, black 4 |
| No. of bending cycles (C-track)                         | 2 Mio. @ 25 °C                                   |
| Cable weight                                            | 92,4 g/m                                         |
| Material jacket                                         | PUR                                              |
| Shore hardness jacket                                   | 85 ± 5 Shore A                                   |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket)                                 | 7 mm                                             |
| Tolerance outer diameter (sheath)                       | ± 5 %                                            |
| Material inner jacket                                   | PVC                                              |
| Material wire insulation                                | PVC                                              |
| Amount wires                                            | 4                                                |
| Outer diameter insulation                               | 1,8 mm                                           |
| Outer diameter tolerance core insulation                | ± 5 %                                            |
| Shore hardness wire insulation                          | 43 ± 5 Shore D                                   |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-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)                           | 5 m @ 25 °C   horizontal                         |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                |
| Current load capacity min. wire                         | 9 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 kV @ 60 s                                      |
| AC withstand voltage power (wire - wire)                | 2 kV @ 60 s                                      |
| Min. operating temperature (static)                     | -30 °C                                           |
| Max. operating temperature (fixed)                      | 80 °C                                            |
| Operating temperature min. (dynamic)                    | -5 °C                                            |
| Operating temperature max. (dynamic)                    | 80 °C                                            |
| chemical resistance                                     | Good, application-related testing                |
| Gasoline resistance                                     | Good, application-related testing                |
| Oil resistance                                          | DIN EN 60811-404                                 |
| Bending radius (fixed)                                  | 10 x Outer diameter                              |
| Bending radius (dynamic)                                | 15 x Outer diameter                              |