

## MSUD valve plug A-18mm with cable

PUR 3x0.75 gy UL/CSA+drag 4.0m

**MSUD** Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Bridged PE

Further cable lengths on request.

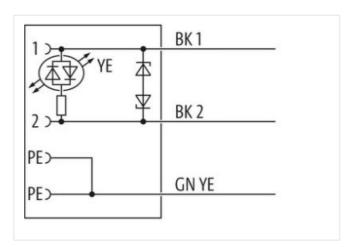
Plastic housings with good resistance against chemicals and oils.

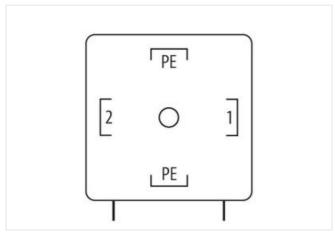
The resistance to aggressive media should be individually tested for your application. Further details on request.

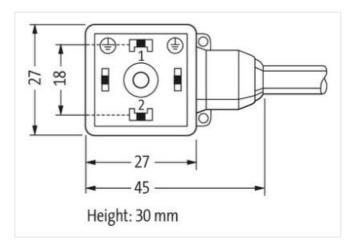
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

4 m

Side 1



| Tightening torque                      | 0,4 Nm            |
|--|-------------------|
| Mounting method                        | inserted, screwed |
| Family construction form               | MSUD A            |
| Thread                                 | M3                |
| Material                               | PBT               |
| Degree of protection (EN IEC 60529)    | IP67              |
| Commercial data                        |                   |
| ECLASS-6.0                             | 27279218          |
| ECLASS-6.1                             | 27279218          |
| ECLASS-7.0                             | 27279218          |
| ECLASS-8.0                             | 27279218          |
| ECLASS-9.0                             | 27060312          |
| ECLASS-10.1                            | 27060312          |
| ECLASS-11.1                            | 27060312          |
| ECLASS-12.0                            | 27060312          |
| ETIM-5.0                               | EC001855          |
| customs tariff number                  | 85444290          |
| GTIN                                   | 4065909032435     |
| Packaging unit                         | 1                 |
| Electrical data                        |                   |
| Capacity CX                            | 20 ms             |
| Electrical data   Supply               |                   |
| Operating voltage AC                   | 24 V              |
| Operating voltage AC min.              | 19.2 V            |
| Operating voltage AC max.              | 28,8 V            |
| Operating voltage DC                   | 24 V              |
| Operating voltage DC min.              | 18 V              |
| Operating voltage DC max.              | 30 V              |
| Cut-off peak voltage max.              | 55 V              |
| Current operating per contact max.     | 4 A               |
| Current consumption max.               | 15 mA             |
| Diagnostics                            |                   |
|  |                   |
| Status indication LED                  | yellow            |
| Installation   Connection              |                   |
| Mounting set                           | M3                |
| Device protection   Electrical         |                   |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 0,8 kV            |
| Material group (IEC 60664-1)           | I                 |
| Additional suppressor                  | Diode, Z-Diode    |
| Mechanical data   Material data        |                   |
| Coating locking                        | verzinkt          |
| Coating of fitting                     | verzinkt          |
| Color housing                          | black             |
| Material gasket                        | PUR               |
| Locking material                       | Steel             |
| Material screw connection              | Steel             |
|  |                   |
| Mechanical data   Mounting data        |                   |
| A A A A A A A A A A A A A A A A A A A  |                   |

Mounting method

inserted, screwed



stay connected

| Environmental characteristics   Climatic       |   |
|--|---|
| perating temperature min.                      | -25 °C  |
| perating temperature max.                      | 85 °C   |
| dditional condition temperature range          | depending on cable quality  |
| mportant installation notes                    |   |
| ote on strain relief                           | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   |
| ote on bending radius                          | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| nstallation   Cable                            |   |
| able identification                            | 236   |
| able Type                                      | 3   |
| rinting color of wire insulation               | white (isolation black)   |
| acket Color                                    | gray  |
| ype of Certificate                             | cURus   |
| mount stranding                                | 1   |
| tranding                                       | 3 wires twisted   |
| ire arrangement                                | black 1, black 2, green-yellow  |
| able weigth                                    | 56,1 g/m  |
| laterial jacket                                | PUR   |
| hore hardness jacket                           | 90 + 5 Shore A  |
| reedom from ingredients (jacket)               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| uter-diameter (jacket)                         | 5.9 mm  |
| olerance outer diameter (sheath)               | ± 5 %   |
| laterial wire insulation                       | PP  |
| mount wires                                    | 3   |
| uter diameter insulation                       | 1.85 mm   |
| uter diameter insulation                       | ± 5 %   |
| hore hardness wire insulation                  | 70 ± 5 Shore D  |
| gredient freeness wire insulation              | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| rinting color of wire insulation               | white (isolation black)   |
| mount strands (wire)                           | 42  |
| iameter of single wires                        | 0,15 mm   |
| onductor crosssection (wire)                   | 0.75 mm²  |
| laterial conductor wire                        | Stranded copper wire, bare  |
| onductor type (wire)                           | strand class 6  |
| raversing distance (C-track)                   | 10 m @ 25 °C   horizontal   |
| ominal voltage AC max.                         | 300 V   |
| urrent load capacity (standard)                | to DIN VDE 0298-4   |
| urrent load capacity min. wire                 | 12 A  |
| lectrical resistance line constant wire        | 26 Ω/km @ 20 °C   |
| C withstand voltage (wire - wire)              | 2,5 kV @ 60 s   |
| ower frequency withstand voltage (wire - cket) | 2,5 kV @ 60 s   |
| lin. operating temperature (static)            | -40 °C  |
| lax. operating temperature (fixed)             | 80 °C / 90 °C @ 10000 h Operation   |
| perating temperature min. (dynamic)            | -25 °C  |
| perating temperature max. (dynamic)            | 80 °C / 90 °C @ 10000 h Operation   |
| lame resistance                                | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2   |
| nemical resistance                             | Good, application-related testing   |
| asoline resistance                             | Good, application-related testing   |
| vil resistance                                 | DIN EN 60811-404   Good, application-related testing  |
| ending radius (fixed)                          | 5 x Outer diameter  |
| chang radius (IIAEU)                           | O A Outer diameter  |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



| Travel speed (C-track) | 10 Mio. @ 25 °C |  |
|------------------------|-----------------|--|
| No. of torsion cycles  | 2 Mio.          |  |
| Torsion stress         | ± 180 °/m       |  |
| Torsion speed          | 35 cycles/min   |  |