

**MSUD Xtreme valve plug A-18mm with cable V2A**

PUR 2x0.75 bk UL/CSA+drag ch. 3m

Art.No.: 7072-18031-7540300

Weight: 0.175

Country of origin: CZ

Model designation: MSUDK-AB7O-754\_3.0-S72

Xtreme - Outdoor

Plastic housings with good resistance against chemicals and oils.

MSUD

Form A (18 mm)

Flyback diode + LED

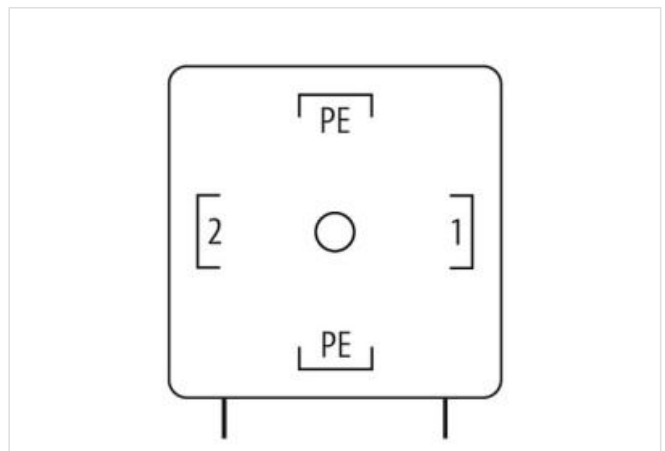
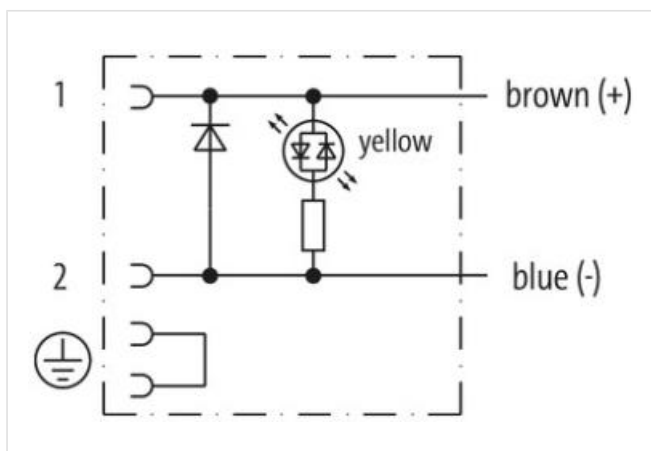
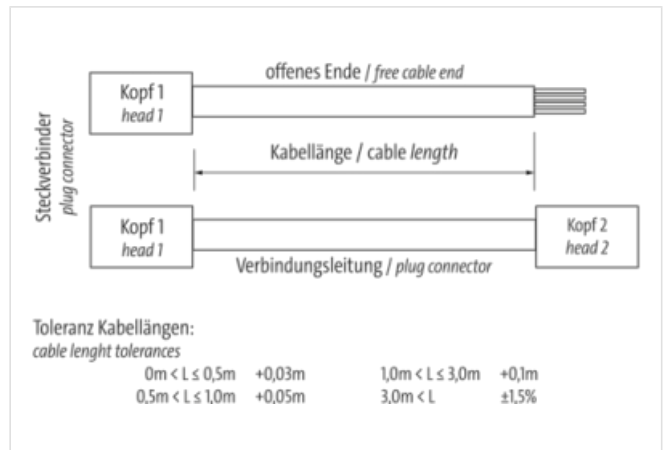
12...24 V AC/DC

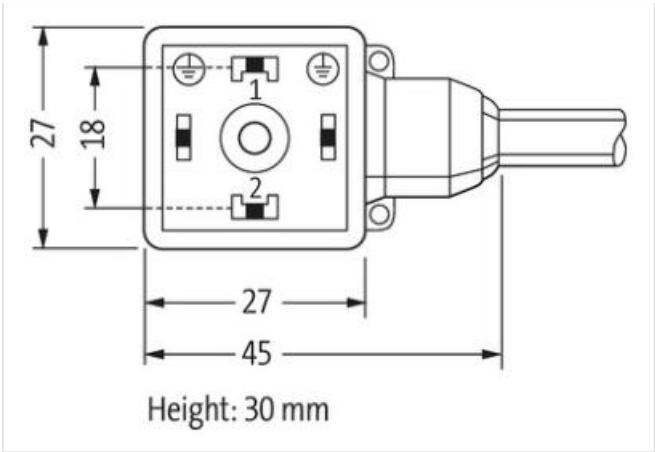
Bridged PE

Stainless steel 1.4305 (V2A)

without cable sleeves

Further cable lengths on request.

[Link to Product](#)**Illustration**



Product may differ from Image



|                                     |                         |
|-------------------------------------|-------------------------|
| Cable length                        | 3 m                     |
| Side 1                              |                         |
| Mounting method                     | inserted, screwed       |
| Coating contact                     | silver-plated           |
| Family construction form            | MSUD                    |
| Material contact                    | Copper alloy            |
| No. of poles                        | 4                       |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67, IP68 |
| Commercial data                     |                         |
| 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                |
| customs tariff number               | 85444290                |
| customs tariff number               | 85444290                |
| EAN                                 | 4048879306300           |
| EAN                                 | 4048879306300           |
| Packaging unit                      | 1                       |
| Packaging unit                      | 1                       |
| Electrical data   Supply            |                         |
| Operating voltage AC min.           | 12 V                    |
| Operating voltage AC max.           | 24 V                    |
| Operating voltage DC min.           | 12 V                    |
| Operating voltage DC max.           | 24 V                    |
| Cut-off peak voltage max.           | 1,3 V                   |
| Current operating per contact max.  | 4 A                     |
| Current consumption max.            | 7 mA                    |
| Diagnostics                         |                         |

Status indication LED yellow

#### Installation | Connection

Tightening torque 0,4 Nm  
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 LED, free-wheeling diode

#### Mechanical data

Contour for corrugated hose without

#### Mechanical data | Material data

Material housing PBT  
Color housing black  
Material gasket Silicon  
Locking material Stainless steel 1.4305 (V2A)  
Material screw connection Stainless steel 1.4305 (V2A)

#### Mechanical data | Mounting data

Mounting method Nut, Screw

#### Environmental characteristics | Climatic

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

#### Important installation notes

Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  
Note on bending radius **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

#### Installation | Cable

wire arrangement brown, blue  
Cable identification 754  
Cable Type 3  
Jacket Color black  
Type of Certificate cURus  
Amount stranding 1  
Stranding 2 wires twisted  
wire arrangement brown, blue  
Cable weight 40,7 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 mm  
Tolerance outer diameter (sheath) ± 5 %  
Material wire insulation PP  
Amount wires 2  
Outer diameter insulation 1,7 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  
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                                       |
| Nominal voltage AC max.                           | 300 V                                                |
| 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                                      |
| AC withstand voltage (wire - wire)                | 2,5 kV @ 60 s                                        |
| Power frequency withstand voltage (wire - jacket) | 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                    |
| UV resistance                                     | DIN EN ISO 4892-2 A                                  |
| Flame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  |
| 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 bending cycles (C-track)                   | 10 Mio. @ 25 °C                                      |
| Traversing distance (C-track)                     | 10 m @ 25 °C   horizontal                            |
| Travel speed (C-track)                            | 3 m/s @ 25 °C                                        |
| No. of torsion cycles                             | 2 Mio.                                               |
| Torsion stress                                    | ± 180 °/m                                            |
| Torsion speed                                     | 35 cycles/min                                        |