

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

PUR 2x0.75 bk UL/CSA+drag ch. 1.5m

Art.No.: 7072-18031-7540150

Weight: 0.106

Country of origin: CZ

Model designation: MSUDK-AB7O-754\_1.5-S72

Xtreme - Outdoor

Plastic housings with good resistance against chemicals and oils.

MSUD

Form A (18 mm)

Flyback diode + LED

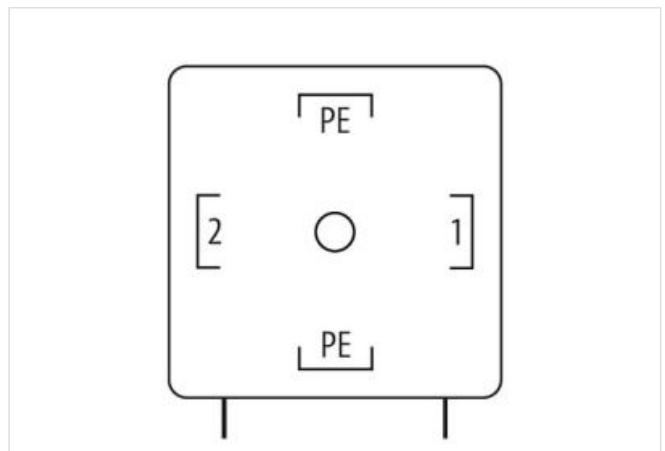
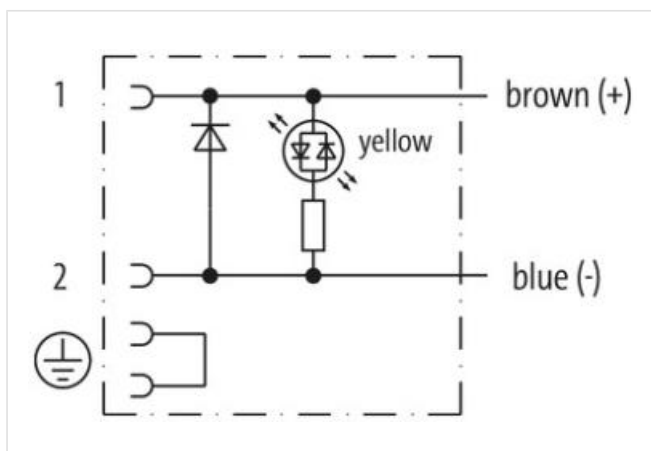
12...24 V AC/DC

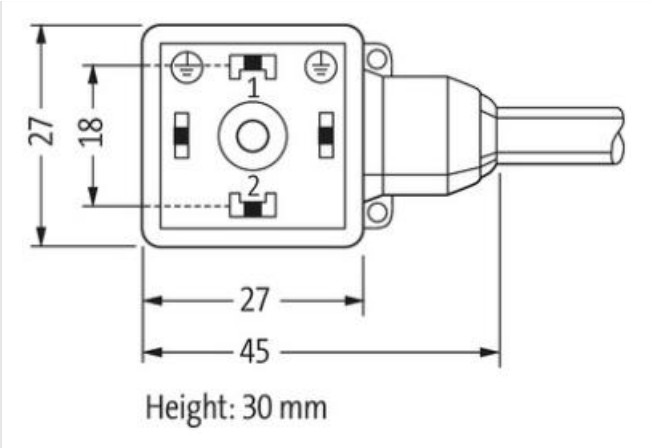
Bridged PE

Stainless steel 1.4305 (V2A)

without cable sleeves

Further cable lengths on request.

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



Product may differ from Image



Cable length	1,5 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	4048879306249
EAN	4048879306249
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 mm <sup>2</sup>
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