

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

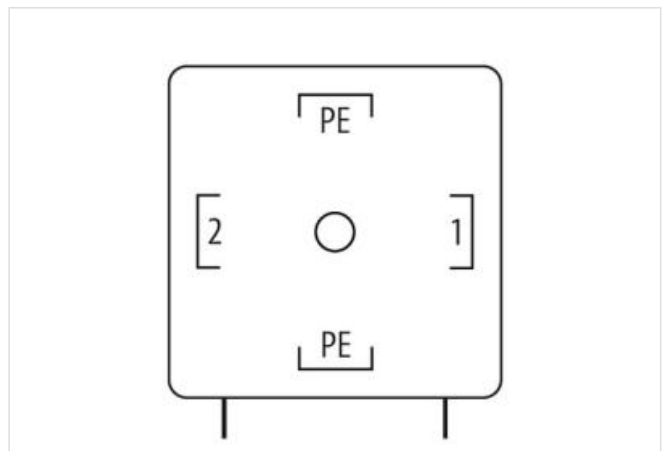
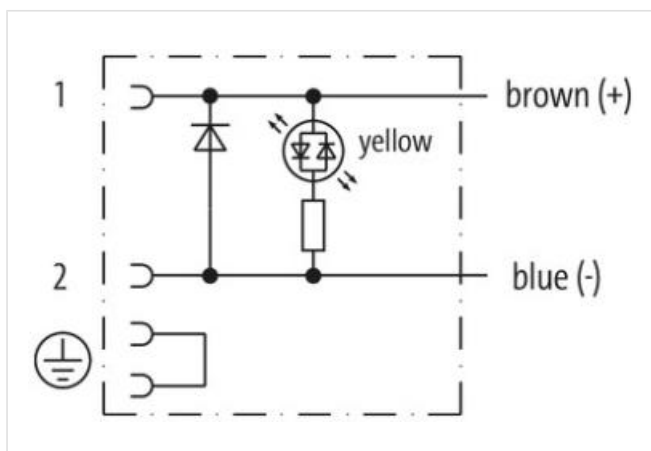
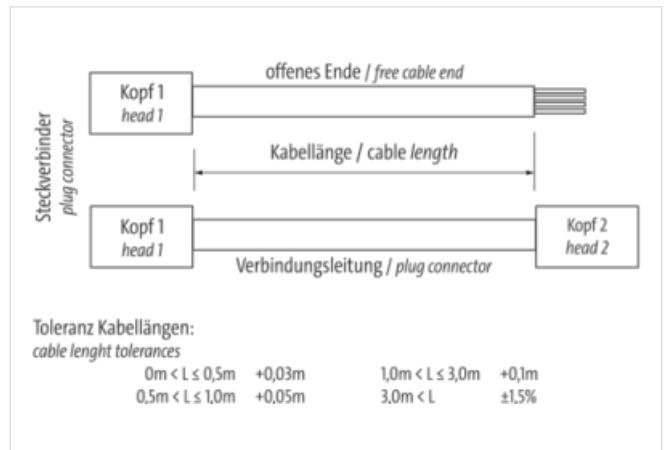
12...24 V AC/DC

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