

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

PUR 2x0.75 bk UL/CSA+drag ch. 5m

Art.No.: 7072-18031-7540500

Weight: 0.267 kg

Country of origin: CZ

Model designation: MSUDK-AB7O-754\_5.0-S72

Xtreme - Outdoor

MSUD

Form A (18 mm)

Flyback diode + LED

12...24 V AC/DC

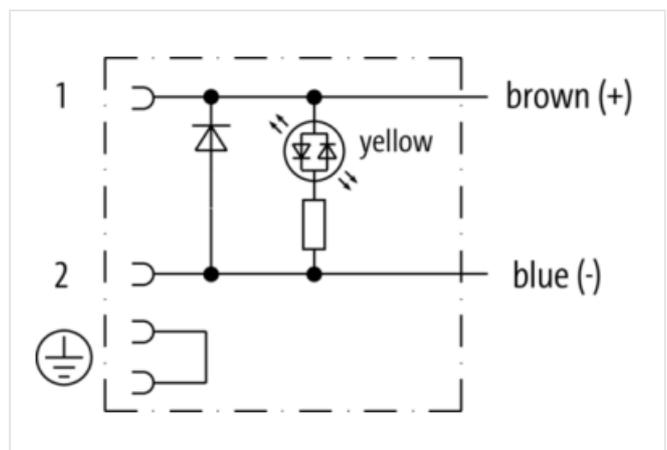
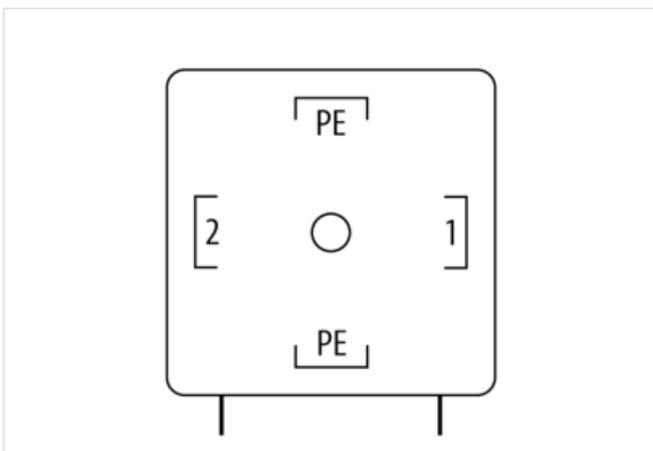
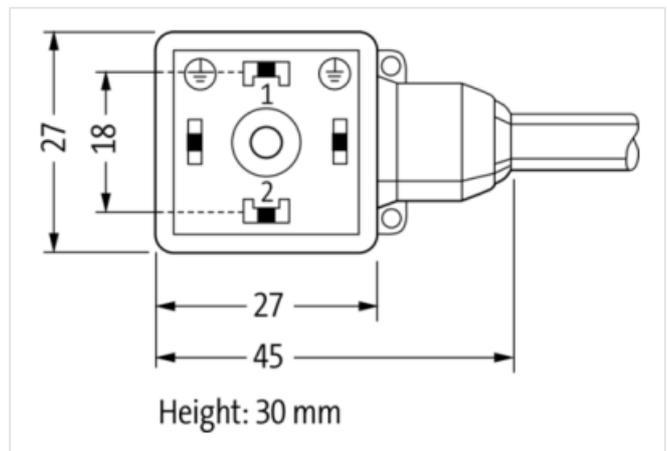
Bridged PE

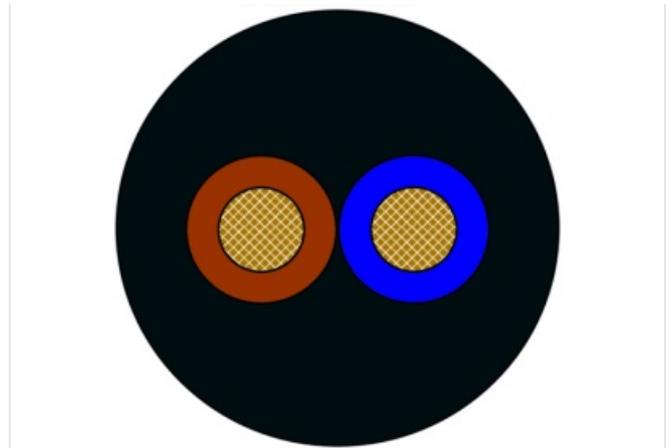
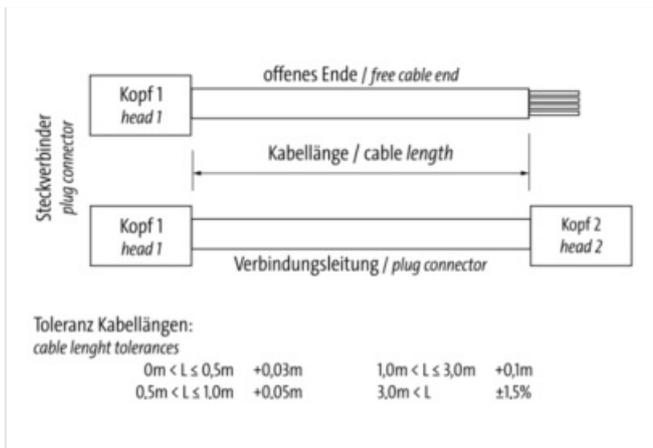
Stainless steel 1.4305 (V2A)

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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



Product may differ from Image



Cable length 5,00 m

**Side 1**

Family construction form	Valve connector form A
No. of poles	2
Gender	female
Mounting method	inserted, screwed
Material contact	Copper alloy
Coating contact	silver-plated
Degree of protection (EN IEC 60529)	IP67, IP68, IP66K, IP65

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7072-18031-7540500">https://shop.murrelektronik.com/7072-18031-7540500</a>
customs tariff number	85444290
EAN	4048879306317
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
Current operating per contact max.	4 A
Cut-off peak voltage max.	1,3 V
Current consumption max.	7 mA

**Diagnostics**

Status indication LED	yellow
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**Installation | Connection**

Tightening torque	0,4 Nm
Mounting set	M3x31

**Device protection | Electrical**

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Additional suppressor	LED, free-wheeling diode

Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
<b>Mechanical data</b>	
Contour for corrugated hose	without
<b>Mechanical data   Material data</b>	
housing	PBT
Color housing	black
Material screw connection	Stainless steel 1.4305 (V2A)
Locking material	Stainless steel 1.4305 (V2A)
Material gasket	Silicon
<b>Mechanical data   Mounting data</b>	
Mounting method	Screw, Nut
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
Note 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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
<b>Installation   Cable</b>	
Cable identification	754
Cable Type	3
Stranding	1 × 2 wires stranded
Wire arrangement	brown, blue
Cable weight	37 g/m
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	1,7 mm
Outer diameter tolerance core insulation	± 0,1 mm
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
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	26 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	12 A
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C

Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × 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
Acceleration (C-track)	10 m/s <sup>2</sup> @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min