

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

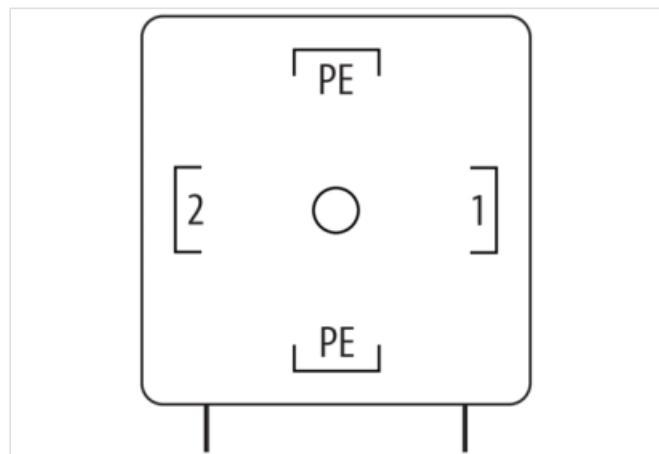
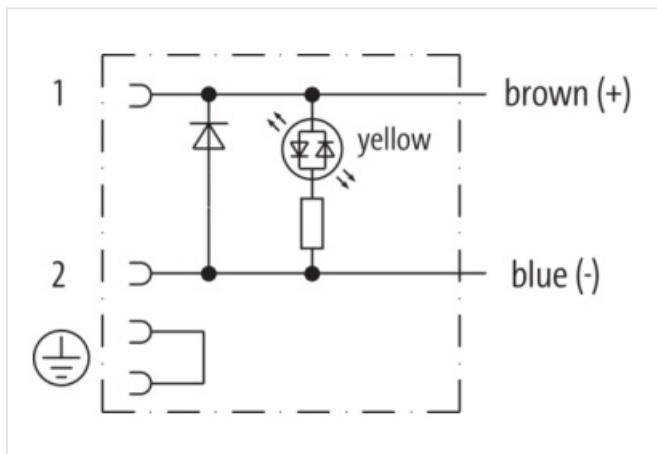
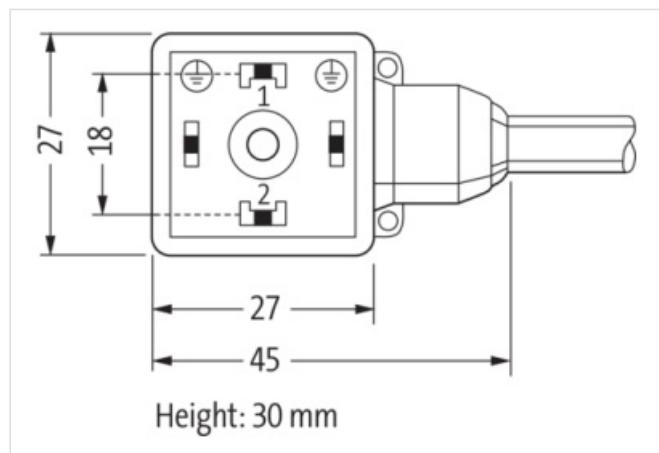
Bridged PE

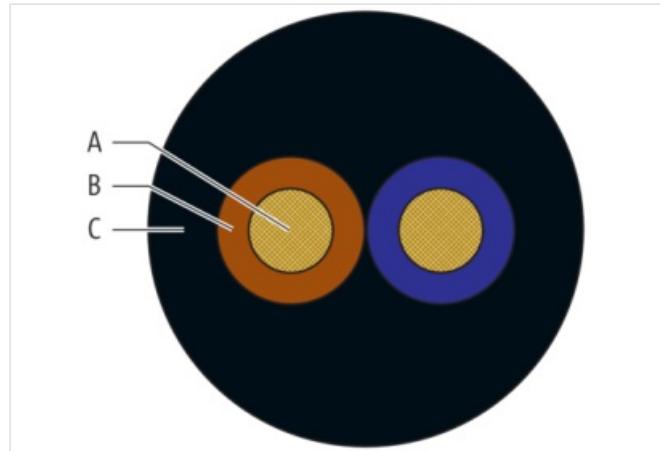
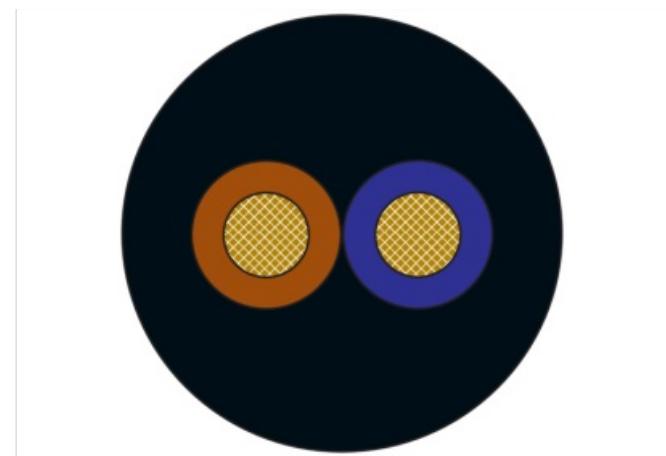
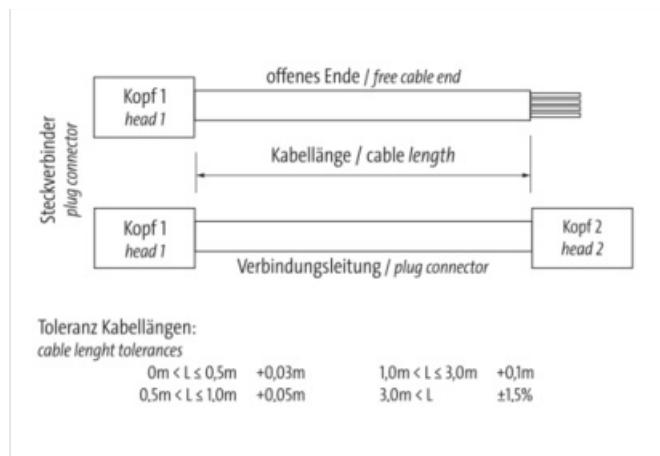
Stainless steel 1.4305 (V2A)

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



Header

Cable length 5,00 m

Side 1

Family construction form Valve connector form A
 No. of poles 4
 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 <https://shop.murrelektronik.com/7072-18031-7540500>
 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

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

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

Mechanical data | Mounting data

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

Cable identification	754
Cable Type	3
Amount stranding	1
Stranding	1 x 2 wires stranded
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 ²
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/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min