

**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 kg

Country of origin: CZ

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

Xtreme - Outdoor

MSUD

Form A (18 mm)

Flyback diode + LED

12...24 V AC/DC

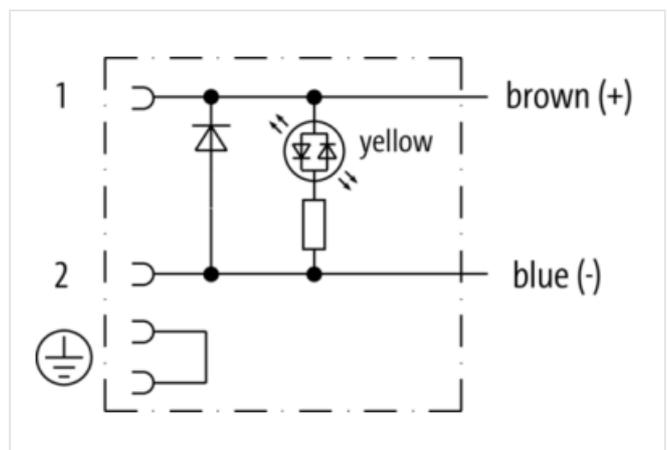
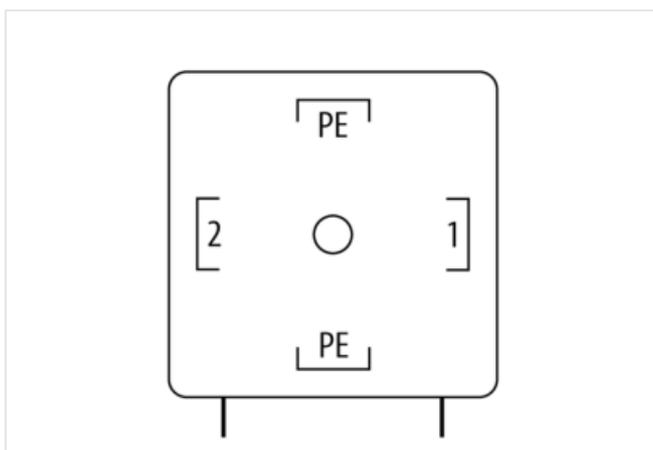
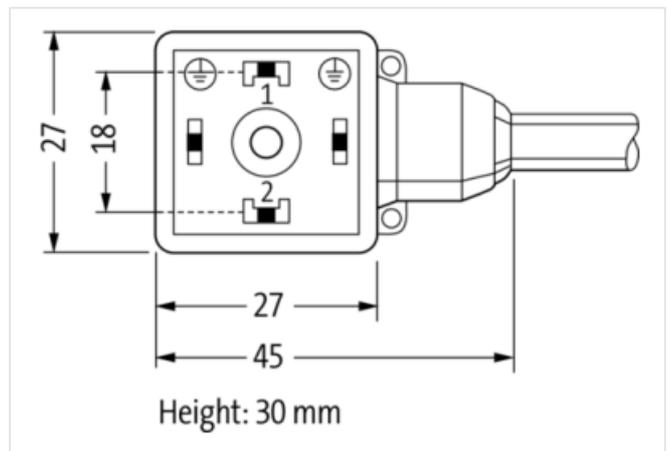
Bridged PE

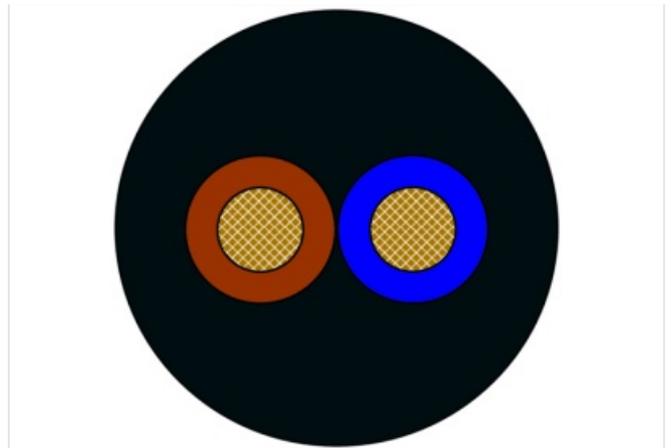
Stainless steel 1.4305 (V2A)

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	1,50 m
<b>Side 1</b>	
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
<b>Commercial data</b>	
URL Webshop	<a href="https://shop.murrelektronik.com/7072-18031-7540150">https://shop.murrelektronik.com/7072-18031-7540150</a>
Customs tariff number	85444290
customs tariff number	85444290
EAN	4048879306249
Packaging unit	1
<b>Electrical data   Supply</b>	
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
<b>Diagnostics</b>	
Status indication LED	yellow
<b>Installation   Connection</b>	
Tightening torque	0,4 Nm
Mounting set	M3x31
<b>Device protection   Electrical</b>	
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
Screw connection	Stainless steel 1.4305 (V2A)
Locking material	Stainless steel 1.4305 (V2A)
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
Cable weight	37 g/m
UL AWM Style	20549 / 10493
Stranding	1 × 2 wires stranded
Wire arrangement	BN, BU
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	1.7 mm ± 0.1 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	42 × 0.15 mm
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material jacket	PUR
Outer-diameter (jacket)	5 mm ± 5 %
Jacket Color	black / RAL 9005
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 max. (wire)	12 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (dynamic)	-25 °C ... 80 °C / 90 °C @ 10000 h Operation
Operating temperature (drag chain)	-25 °C ... 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
Notes	application-related testing
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