

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

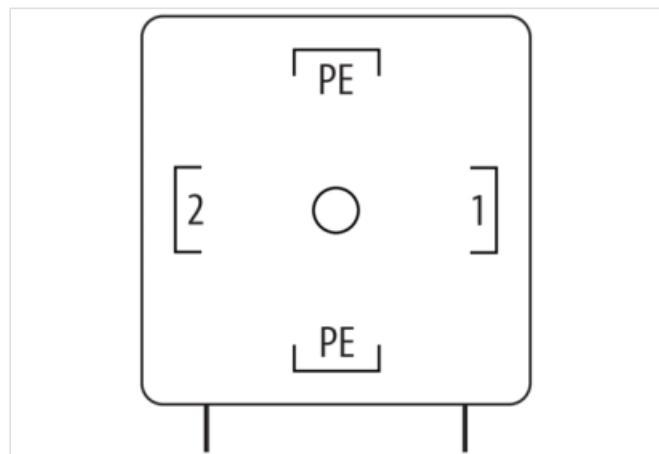
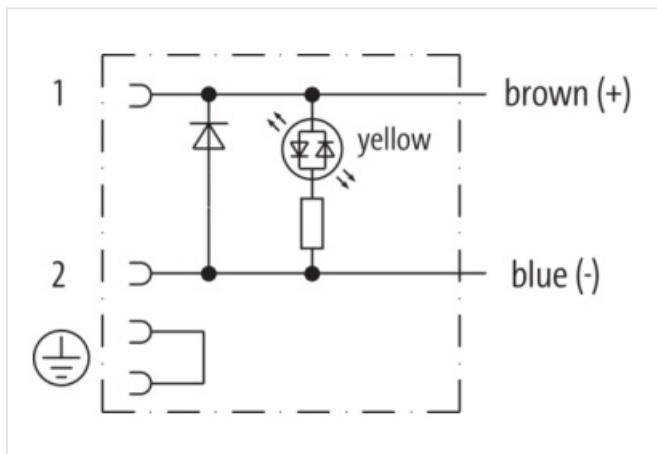
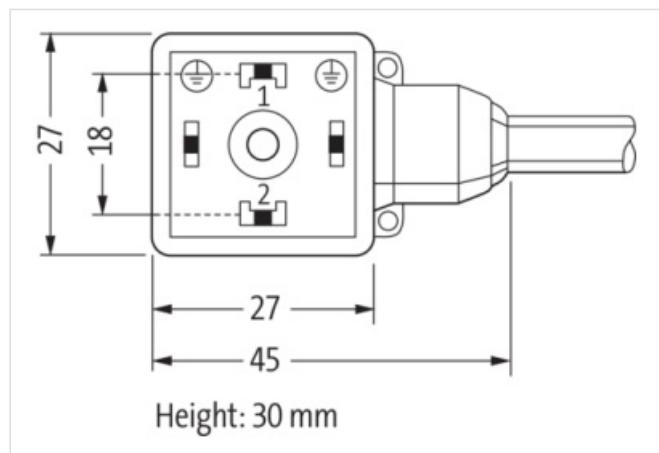
Bridged PE

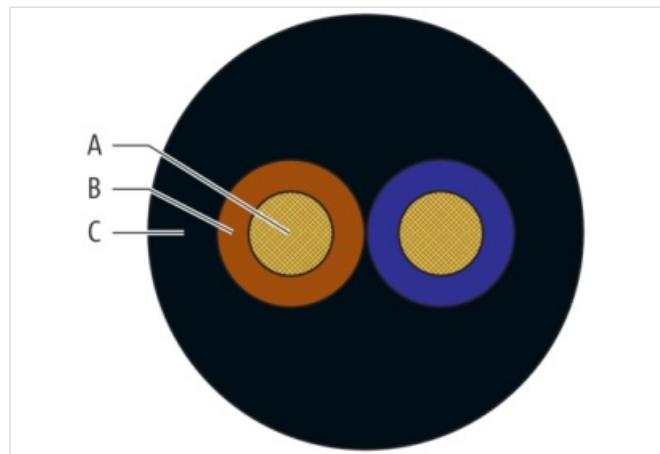
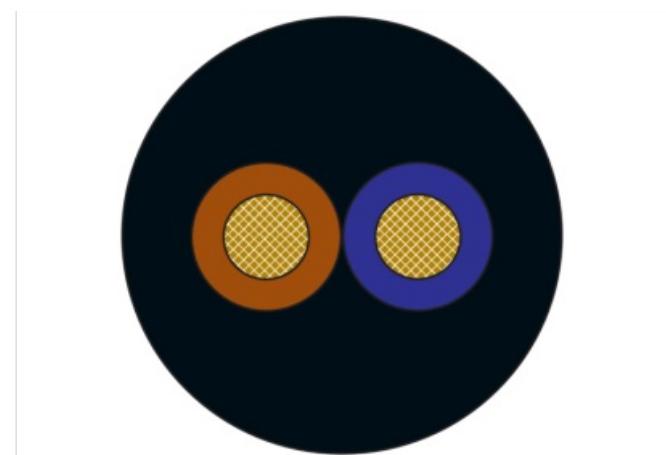
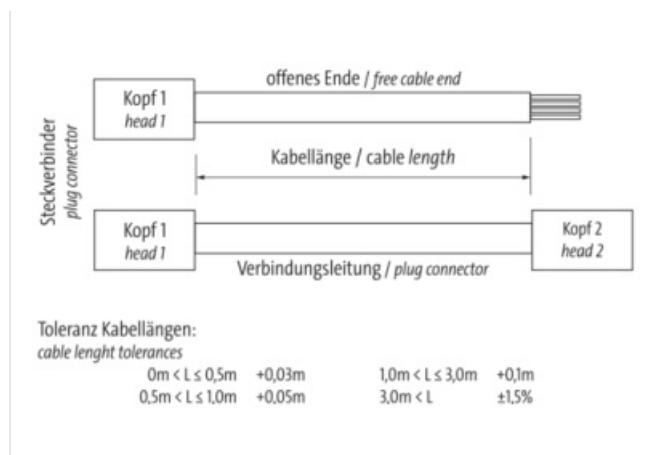
Stainless steel 1.4305 (V2A)

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

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|------------------------------------|-------|
| 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

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| Status indication LED | yellow |
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Installation | Connection

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| Tightening torque | 0,4 Nm |
| Mounting set | M3x31 |

Device protection | Electrical

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| 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

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|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

Mechanical data | Material data

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|---------------------------|------------------------------|
| 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

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|-----------------|------------|
| Mounting method | Screw, Nut |
|-----------------|------------|

Environmental characteristics | Climatic

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| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |

Important installation notes

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| 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. |
|-----------------------|---|

Installation | Cable

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| 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 |

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|---|---|
| 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 |