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

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

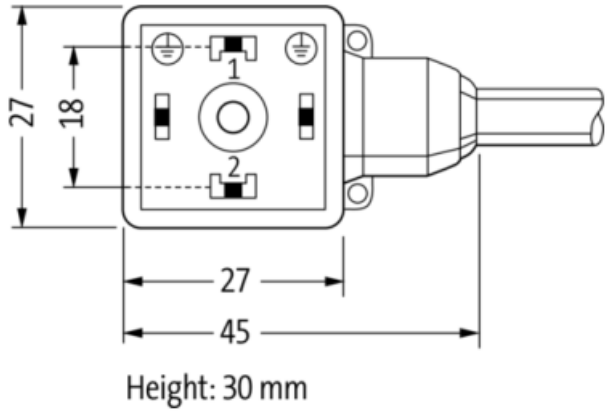
Art.No.: 7072-18021-7540500
Weight: 0,267 kg
Country of origin: CZ
Model designation: MSUDK-AB1Z-754_5.0-S72

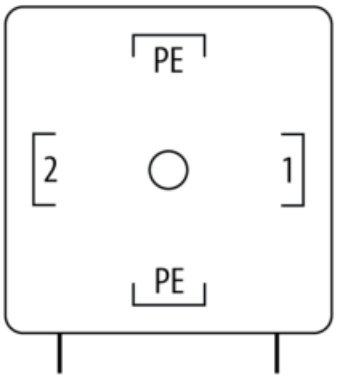
Xtreme - Outdoor
MSUD
Form A (18 mm)
LED and suppression
12...24 V AC/DC
Diode/Z-Diode
Bridged PE
Stainless steel 1.4305 (V2A)
without cable sleeves
Further cable lengths on request.

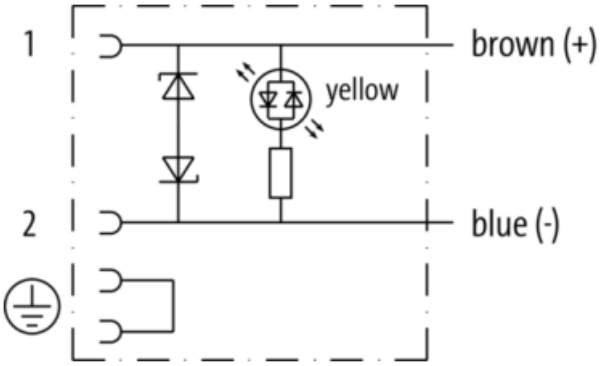
## Link to Product

**Illustration**

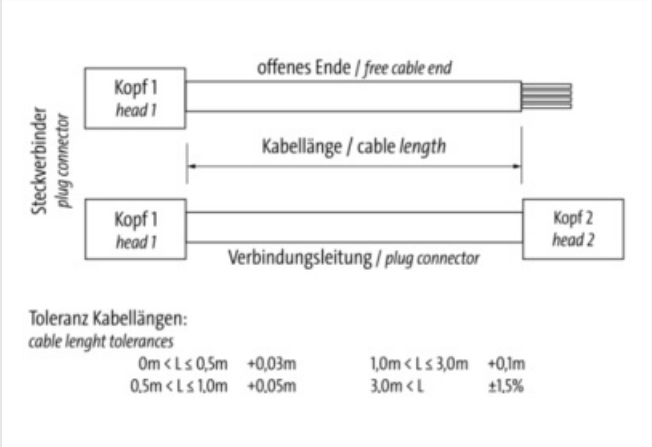


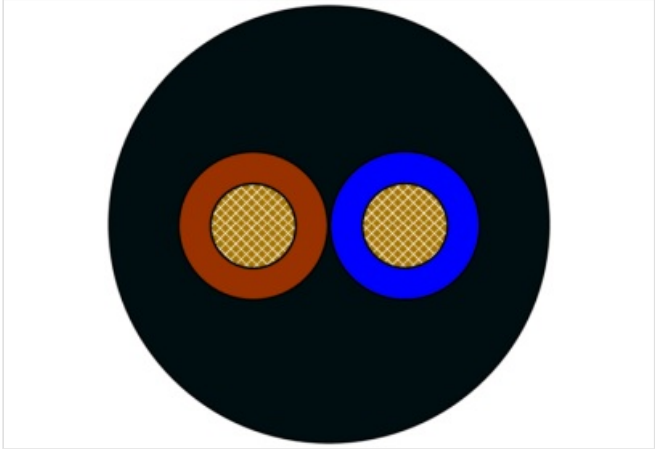



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Product may differ from Image

| | |
|---|---|
| Cable length | 5,00 m |
| **Side 1-1** | |
| 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 | https://shop.murrelektronik.com/7072-18021-7540500 |
| EU-Customs tariff number | 85444290 |
| US-Customs tariff number | 8544429090 |
| ETIM-9.0 | EC001855 |
| ETIM-10.0 | EC001855 |
| customs tariff number | 85444290 |
| EAN | 4048879306928 |
| 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. | 55 V |
| Current consumption max. | 8 mA |
| **Diagnostics** | |
| Status indication LED | yellow |
| **Installation \| Connection** | |
| 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 | Diode, Z-diode |
| Rated surge voltage | 0.8 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data** | |
| Contour for corrugated hose | without |
| **Mechanical data \| Material data** | |
| housing | PBT |
| Color housing | black |
| Screw connection | Stainless steel 1.4305 (V2A) |
| Locking material | Stainless steel 1.4305 (V2A) |
| Gasket | Silicon |
| **Mechanical data \| Mounting data** | |
| Mounting method | Screw, Nut |
| **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. |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| **Installation \| Cable-1** | |
| Cable identification | 754 |
| Cable Type | 3 |
| Cable weigth | 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 mm² |
| 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 |

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| | |
|---|---|
| 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/s² @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |

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