

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

Country of origin: CZ

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

Xtreme - Outdoor

Plastic housings with good resistance against chemicals and oils.

MSUD

Form A (18 mm)

Flyback diode + LED

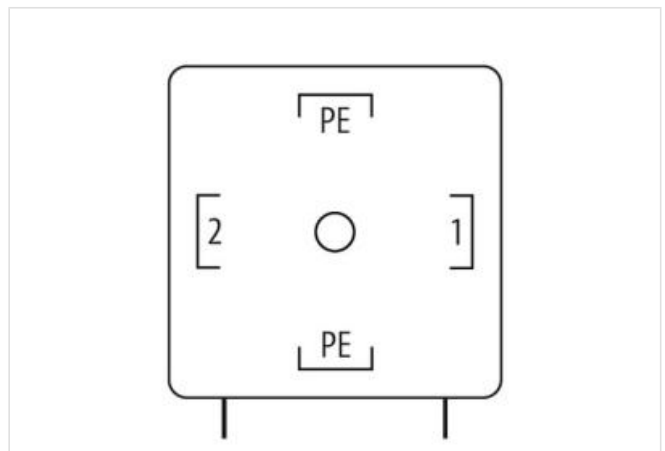
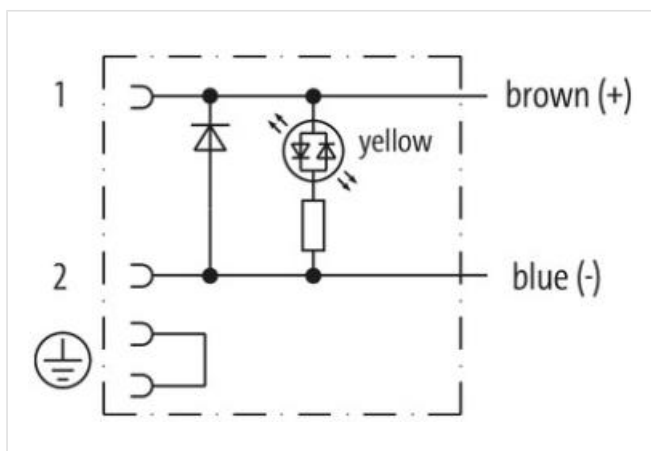
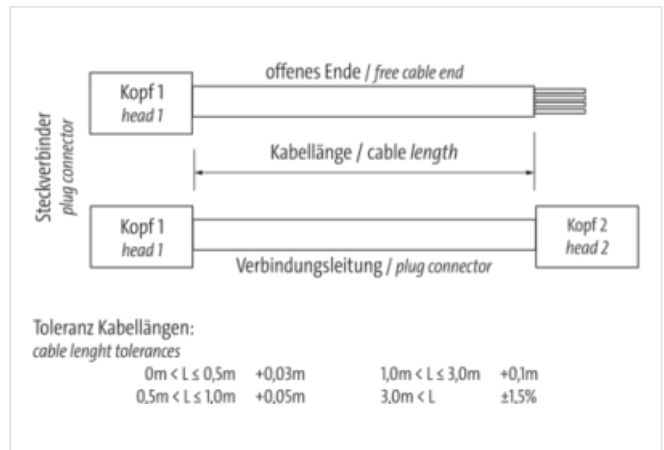
12...24 V AC/DC

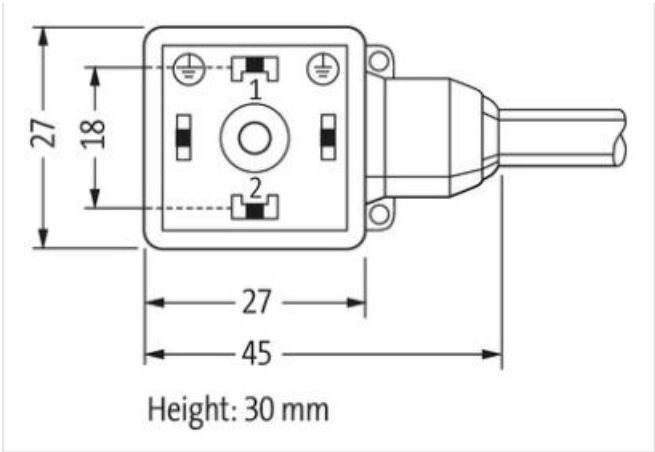
Bridged PE

Stainless steel 1.4305 (V2A)

without cable sleeves

Further cable lengths on request.

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



Product may differ from Image



| | |
|-------------------------------------|-------------------------|
| Cable length | 5 m |
| Side 1 | |
| Mounting method | inserted, screwed |
| Coating contact | silver-plated |
| Family construction form | MSUD |
| Material contact | Copper alloy |
| No. of poles | 4 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67, IP68 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060312 |
| ECLASS-10.1 | 27060312 |
| ECLASS-11.1 | 27060312 |
| ECLASS-12.0 | 27060312 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| customs tariff number | 85444290 |
| EAN | 4048879306317 |
| EAN | 4048879306317 |
| Packaging unit | 1 |
| 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 |
| Cut-off peak voltage max. | 1,3 V |
| Current operating per contact max. | 4 A |
| Current consumption max. | 7 mA |
| Diagnostics | |

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|-----------------------|--------|
| Status indication LED | yellow |
|-----------------------|--------|

Installation | Connection

| | |
|-------------------|--------|
| Tightening torque | 0,4 Nm |
| Mounting set | M3 |

Device protection | Electrical

| | |
|--|--------------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | I |
| Additional suppressor | LED, free-wheeling diode |

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 gasket | Silicon |
| Locking material | Stainless steel 1.4305 (V2A) |
| Material screw connection | Stainless steel 1.4305 (V2A) |

Mechanical data | Mounting data

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

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 strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| 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. |

Installation | Cable

| | |
|--|--|
| wire arrangement | brown, blue |
| Cable identification | 754 |
| Cable Type | 3 |
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 2 wires twisted |
| wire arrangement | brown, blue |
| Cable weight | 40,7 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 5 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 2 |
| Outer diameter insulation | 1,7 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| 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 |

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|---|--|
| Conductor crosssection (wire) | 0,75 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 12 A |
| Electrical resistance line constant wire | 26 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2,5 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 2,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x 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 |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |