

MSUD valve plug A-18mm with cable

PVC 3x0.75 ye 3m

Art.No.: 7000-18001-0160300

Weight: 0.201

Country of origin: CZ

Model designation: MSUDK-AB1L-016_3.0

Form A (18 mm)

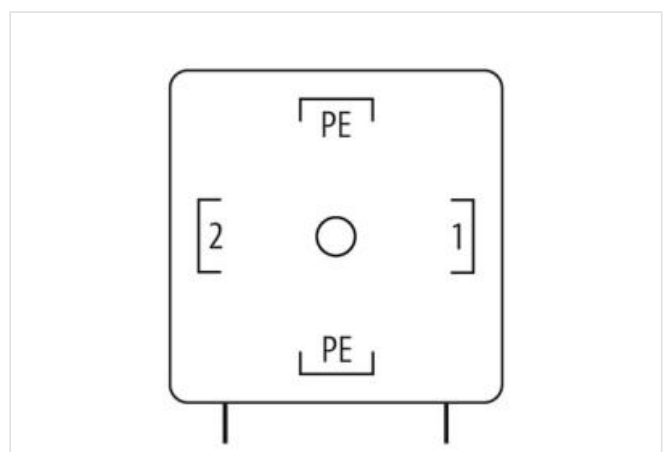
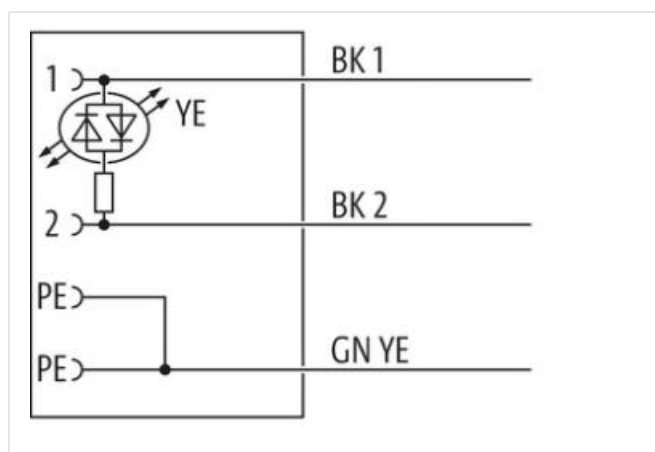
24 V AC/DC $\pm 25\%$

LED

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

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



Product may differ from Image



| | |
|-------------------------------------|-------------------|
| Cable length | 3 m |
| Side 1 | |
| Tightening torque | 0,4 Nm |
| Mounting method | inserted, screwed |
| Family construction form | MSUD A |
| Thread | M3 |
| Material | PBT |
| Degree of protection (EN IEC 60529) | IP67 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| 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 | 4048879195263 |
| EAN | 4048879195263 |
| Packaging unit | 1 |
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| Electrical data Supply | |
| Operating voltage AC | 24 V |
| Operating voltage AC min. | 18 V |
| Operating voltage AC max. | 30 V |
| Operating voltage DC | 24 V |
| Operating voltage DC min. | 18 V |
| Operating voltage DC max. | 30 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |

Status indication LED yellow

Installation | Connection

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

Mechanical data | Material data

Color housing black
 Coating locking galvanized
 Coating of fitting galvanized
 Locking material Steel
 Material screw connection Steel

Mechanical data | Mounting data

Mounting method inserted, screwed

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 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 black 1, black 2, green-yellow
 Cable identification 016
 Cable Type 1
 Printing color of wire insulation white (isolation black)
 Jacket Color yellow
 Amount stranding 1
 Stranding 3 wires twisted
 wire arrangement black 1, black 2, green-yellow
 Cable weight 63,8 g/m
 Material jacket PVC
 Shore hardness jacket 80 ± 5 Shore A
 Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free
 Outer-diameter (jacket) 5,9 mm
 Tolerance outer diameter (sheath) ± 5 %
 Material wire insulation PVC
 Amount wires 3
 Outer diameter insulation 1,8 mm
 Outer diameter tolerance core insulation ± 5 %
 Shore hardness wire insulation 43 ± 5 Shore D
 Material properties wire insulation good machinability
 Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free
 Printing color of wire insulation white (isolation black)
 Amount strands (wire) 24
 Diameter of single wires 0,2 mm
 Conductor crosssection (wire) 0,75 mm²
 Material conductor wire Stranded copper wire, bare

| | |
|---|--|
| Conductor type (wire) | Strand class 5 |
| Max. rated voltage (conductor - conductor) | 500 V |
| Max. rated voltage (conductor - ground) | 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) | 3 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 3 kV @ 60 s |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 70 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |