

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

PVC 3x0.75 ye 5m

Art.No.: 7000-18001-0160500

Weight: 0.311

Country of origin: CZ

Model designation: MSUDK-AB1L-016\_5.0

Form A (18 mm)

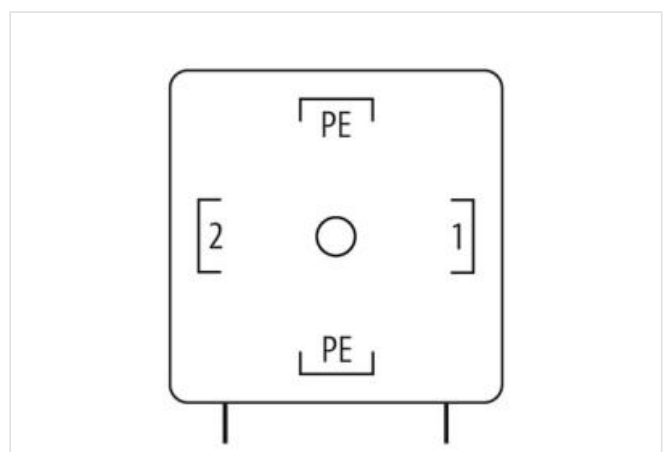
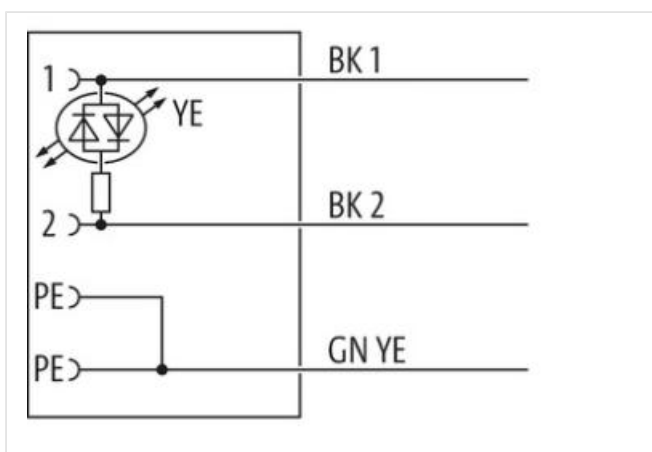
24 V AC/DC  $\pm 25\%$ 

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	5 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	4048879195256
EAN	4048879195256
Packaging unit	1
Packaging unit	1
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 $\Omega$ /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