

MSUD valve plug A-18mm with cable

PVC 3x0.75 bk 5m

Art.No.: 7000-18001-6160500

Weight: 0.311

Country of origin: CZ

Model designation: MSUDK-AB1L-616_5.0

Form A (18 mm)

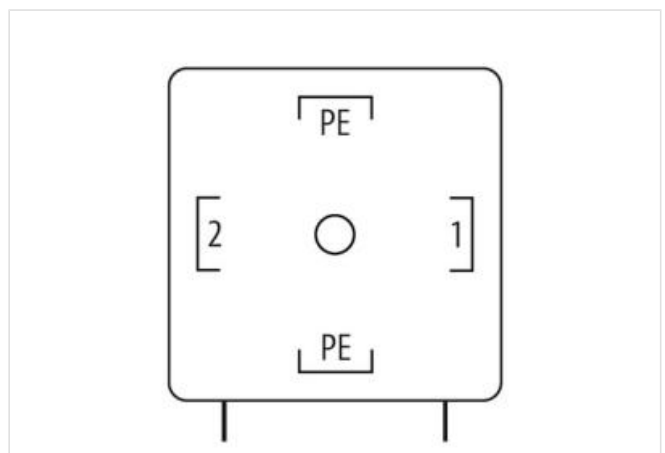
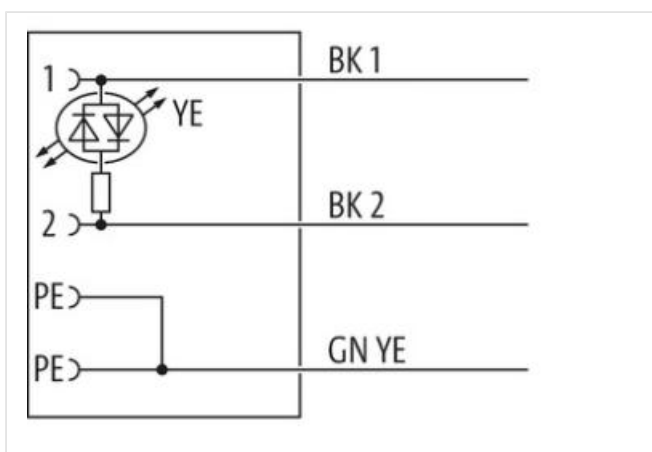
24 V AC/DC $\pm 25\%$

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	4048879194792
EAN	4048879194792
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 616
 Cable Type 1
 Printing color of wire insulation white (isolation black)
 Jacket Color black
 Amount stranding 1
 Stranding 3 wires twisted
 wire arrangement black 1, black 2, green-yellow
 Cable weight 61,6 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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