

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

PUR 3x0.75 bk UL/CSA+drag ch. 3m

Art.No.: 7000-18001-6360300

Weight: 0.19

Country of origin: CZ

Model designation: MSUDK-AB1L-636\_3.0

Form A (18 mm)

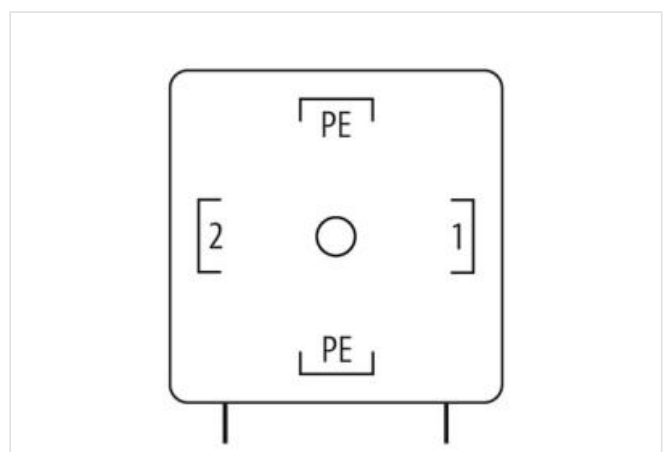
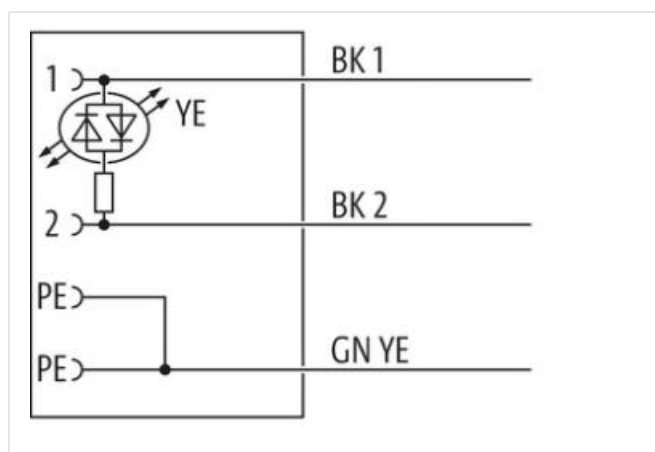
24 V AC/DC  $\pm 25\%$ 

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	4048879194655
EAN	4048879194655
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                           636

Cable Type                                      3

Printing color of wire insulation           white (isolation black)

Jacket Color                                    black

Type of Certificate                            cURus

Amount stranding                            1

Stranding                                        3 wires twisted

wire arrangement                            black 1, black 2, green-yellow

Cable weight                                  56,1 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)                    5,9 mm

Tolerance outer diameter (sheath)        ± 5 %

Material wire insulation                    PP

Amount wires                                 3

Outer diameter insulation                  1,85 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

Printing color of wire insulation           white (isolation black)

Amount strands (wire)                      42

Diameter of single wires                   0,15 mm

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 $\Omega$ /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	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
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	$\pm$ 180 °/m
Torsion speed	35 cycles/min