

MSUD valve plug C-8mm with cable

PVC 3x0.75 bk 3m

Art.No.: 7000-80001-6160300

Weight: 0.184

Country of origin: CZ

Model designation: MSUDK-CB1L-616_3.0

MSUD

Form C (8 mm)

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

LED

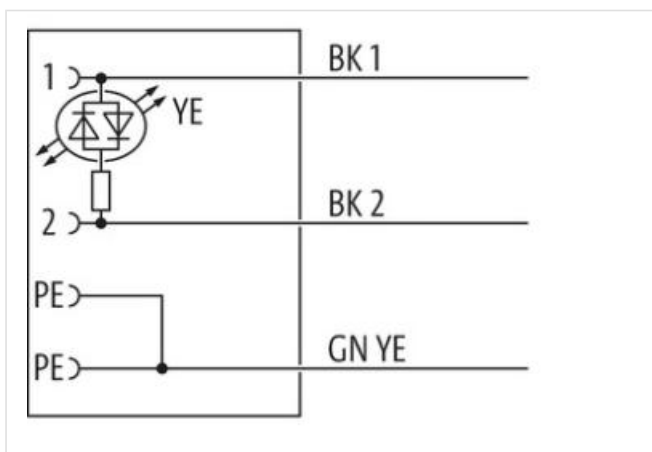
Further cable lengths on request.

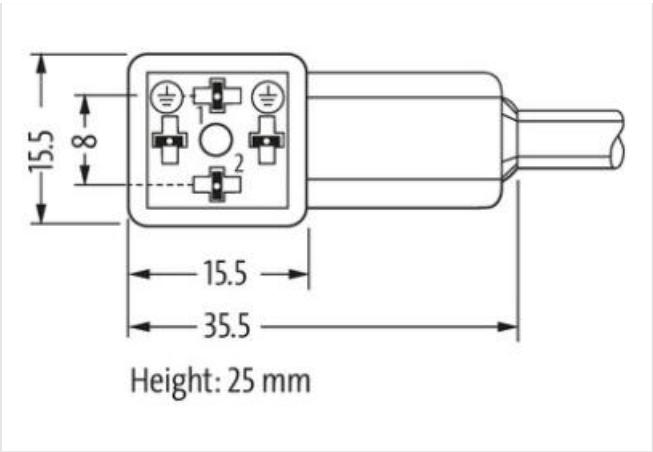
Plastic housings with good resistance against chemicals and oils.

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
Thread	M2.5
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
GTIN	4048879134316
GTIN	4048879134316
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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Mechanical data Material data	
Material housing	Plastic

Color housing black

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