

MSUD double valve BI-11mm with cable

PVC 4x0.75 ye 3m

Form BI (11 mm)
24 V AC $\pm 20\%$ / DC $\pm 25\%$
LED and suppression
Connection cable L = 150 mm
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 M3

Side 2

Tightening torque 0,4 Nm
Thread M3

Commercial data

ECLASS-6.0 27061801
customs tariff number 85444290
GTIN 4065909098127
Packaging unit 1

Electrical data

Capacity CX 20 ms

Electrical data | Supply

Operating voltage AC 24 V
Operating voltage AC min. 19,2 V
Operating voltage AC max. 28,8 V
Operating voltage DC 24 V
Operating voltage DC min. 18 V
Operating voltage DC max. 30 V
Cut-off peak voltage max. 55 V
Current operating per contact max. 4 A
Current consumption max. 12 mA

Diagnostics

Status indication LED yellow

Device protection | Electrical

Degree of protection (EN IEC 60529) IP67
Additional condition protection degree inserted, screwed
Rated surge voltage 0,8 kV

Mechanical data | Material data

Color housing black
Material housing Plastic

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

Cable identification 017
Cable Type 1
Printing color of wire insulation white (isolation black)
Jacket Color yellow
Amount stranding 1
Stranding 4 wires twisted
wire arrangement black 1, black 2, black 3, green-yellow
Cable weight 81,4 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) | 6,5 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PVC |
| Amount wires | 4 |
| 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 mm ² |
| 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 | 9,6 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 | 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 | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |