

MSUD double valve BI-11mm with cable

PUR 4x0.75 bk UL/CSA 3m

Form BI (11 mm)

24 V AC $\pm 20\%$ / DC $\pm 25\%$

LED and suppression

Connection cable L = 100 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

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

Installation | Cable

Cable identification 627

Cable Type 2

Printing color of wire insulation white (isolation black)

Jacket Color black

Type of Certificate cURus

Amount stranding 1

Stranding 4 wires twisted

wire arrangement black 1, black 2, black 3, green-yellow

Cable weight 74,8 g/m

Material jacket PUR

Shore hardness jacket 85 ± 5 Shore A

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free

Outer-diameter (jacket) 6,5 mm

No. of bending cycles (C-track) 2 Mio. @ 25 °C

Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Color (inner jacket)	black
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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter