

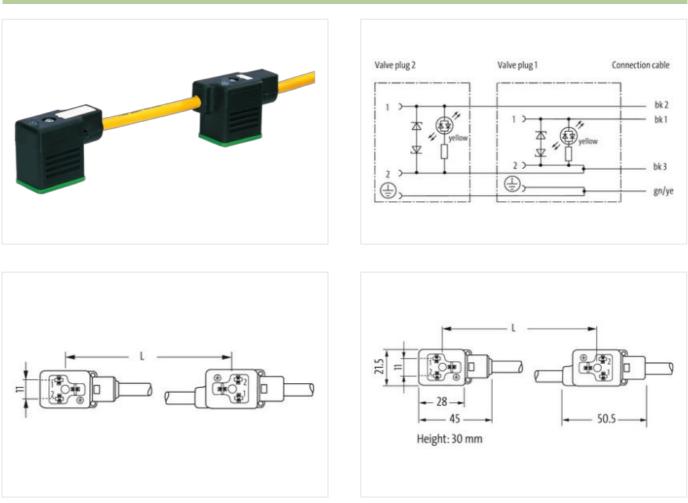
## MSUD double valve BI-11mm with cable

PVC 4x0.75 ye 3m

Form BI (11 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 200 mm without cable sleeves 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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

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Tightening torque	0,4 Nm
Thread	M3
Material	PBT
Side 2	
Tightening torque	0,4 Nm
Thread	M3
Material	PBT
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-0.1 ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879415613
Packaging unit	1
Electrical data	
Drop-out delay time max.	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.	15 mA
Diagnostics	
Status indication LED	yellow
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Additional suppressor	Diode, Z-Diode
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating locking	verzinkt
Color housing	black
Material gasket	PUR
Locking material	Steel
Mechanical data   Mounting data	
Mounting method	inserted, screwed

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## Environmental characteristics | Climatic -25 °C Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Installation | Cable wire arrangement black 1, black 2, black 3, green-yellow Cable identification 017 Cable Type 1 Printing color of wire insulation white (isolation black) yellow Jacket Color Amount stranding 1 Stranding 4 wires twisted wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 81,4 g/m Material jacket PVC Shore hardness jacket 80 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free Freedom from ingredients (jacket) 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<sup>2</sup> Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 500 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) to DIN VDE 0298-4 Current load capacity (standard) 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 -3 kV @ 60 s jacket) Min. operating temperature (static) -30 °C 70 °C Max. operating temperature (fixed) 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

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