

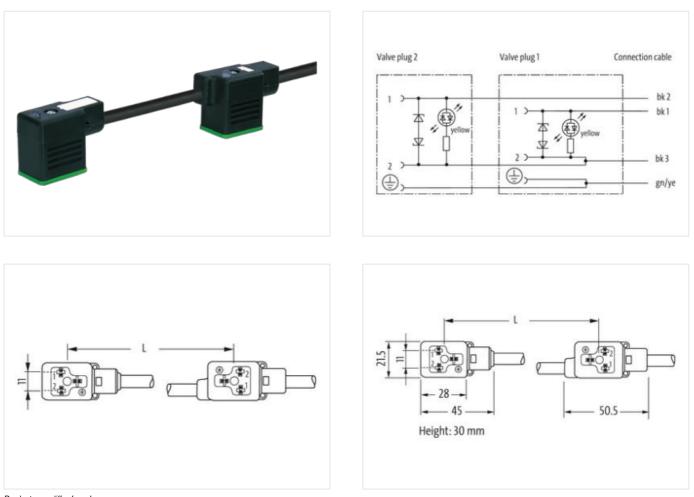
## MSUD double valve BI-11mm with cable

PVC 4x0.75 bk 20m

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

20 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: 2024-05-19



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Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data       without         Contour for corrugated hose       without         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel	-	
Additional suppressor       Diode, Z-Diode         Mechanical data       without         Contour for corrugated hose       without         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Color housing       black         Meterial gasket       PUR         Locking material       Steel		 
Mechanical data       without         Contour for corrugated hose       without         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Color housing       black         Methanical gasket       PUR         Locking material       Steel	Additional suppressor	Diode, Z-Diode
Contour for corrugated hose     without       Mechanical data   Material data     verzinkt       Coating locking     verzinkt       Color housing     black       Vaterial gasket     PUR       Locking material     Steel		
Mechanical data   Material data         Coating locking       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel		
Coating locking     verzinkt       Color housing     black       Material gasket     PUR       Locking material     Steel		
Color housing     black       Material gasket     PUR       Locking material     Steel	Mechanical data   Material data	
Material gasket     PUR       _ocking material     Steel       Mechanical data   Mounting data	Coating locking	
Locking material Steel Mechanical data   Mounting data	Color housing	black
Mechanical data   Mounting data	Material gasket	PUR
	Locking material	Steel
Mounting method inserted, screwed	Mechanical data   Mounting data	
	Mounting method	inserted, screwed

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Environmental characteristics   Climatic	
Operating temperature min.	-25 ℃
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	617
Cable Type	1
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
Cable weigth	77,66 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	
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	± 5 % 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)
	24
Amount strands (wire) Diameter of single wires	24 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
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) Power frequency withstand voltage (wire -	3 kV @ 60 s
jacket)	
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	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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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