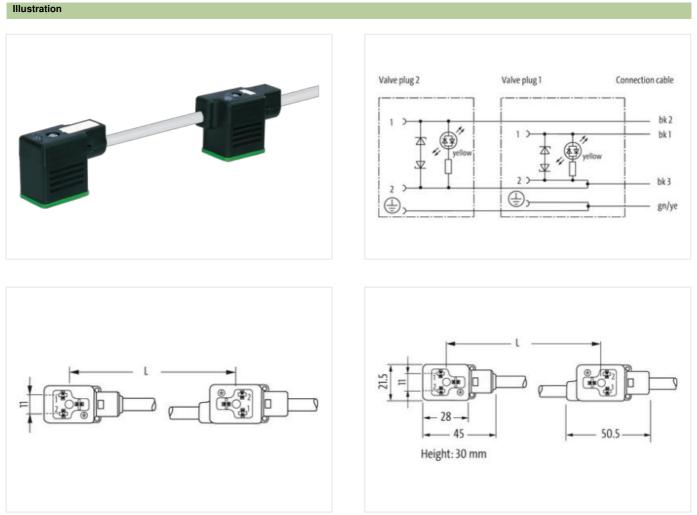


## MSUD double valve BI-11mm with cable

PUR 4x0.75 gy UL/CSA 5m

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



Product may differ from Image



Cable length

5 m

Side 1

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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-7.0 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	4048879136211
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.	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		
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	227	
Cable Type	2	
Printing color of wire insulation	white (isolation black)	
Jacket Color	gray	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	4 wires twisted	
wire arrangement	black 1, black 2, black 3, green-yellow	
Cable weigth	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	
Duter-diameter (jacket)	7 mm	
Tolerance outer diameter (sheath)		
. ,	± 5 % PVC	
Material inner jacket		
Color (inner jacket)	yellow	
Material wire insulation	PVC	
Amount wires	4	
Duter 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 <sup>2</sup>	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
Electrical function wire	Signal	
Fraversing distance (C-track)	5 m @ 25 °C   horizontal	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	9,6 A	
Electrical function wire	Signal	
Electrical resistance line constant wire	26 Ω/km @ 20 °C	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-5 ℃	
Operating temperature max. (dynamic)	80 °C	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	DIN EN 60811-404	
Bending radius (fixed)	10 x Outer diameter	
Bending radius (dynamic)	15 x Outer diameter	
Travel speed (C-track)	2 Mio. @ 25 °C	

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