

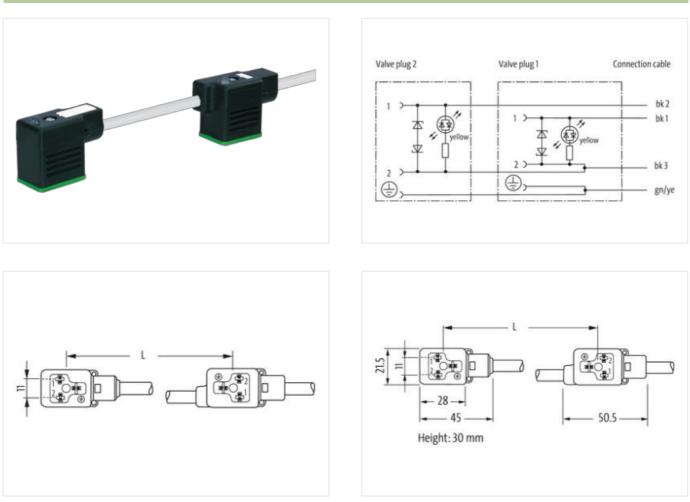
MSUD double valve BI-11mm with cable

PUR 4x0.75 gy UL/CSA+drag ch. 1.5m

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

Illustration



Product may differ from Image



Cable length

1,5 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	4048879572002
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)	1
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		
	237	
Cable identification Cable Type	3	
Printing color of wire insulation	white (isolation black)	
Jacket Color		
Type of Certificate	gray cURus	
	1	
Amount stranding Stranding	4 wires twisted	
	4 wires twisted black 1, black 2, black 3, green-yellow	
wire arrangement Traversing distance (C-track)	10 m @ 25 °C horizontal	
Cable weigth	69,3 g/m	
Material jacket	PUR	
Shore hardness jacket	90 ± 5 Shore A	
·	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Freedom from ingredients (jacket)		
Outer-diameter (jacket) Tolerance outer diameter (sheath)	6,5 mm ± 5 %	
. ,	± 5 %	
Material wire insulation		
Amount wires	4	
Outer diameter insulation	1,85 mm	
Outer diameter tolerance core insulation	± 5 % 70 ± 5 Shore D	
Shore hardness wire insulation		
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-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 mm²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	9,6 A 26 Ω/km @ 20 °C	
Electrical resistance line constant wire	-	
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - instant)	2,5 kV @ 60 s 2,5 kV @ 60 s	
jacket)		
Min. operating temperature (static)	-40 °C	
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation	
Operating temperature min. (dynamic)	-25 °C	
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation	
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
chemical resistance Gasoline resistance	Good, application-related testing	
	Good, application-related testing	
Oil resistance	Good, application-related testing DIN EN 60811-404	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	10 Mio. @ 25 °C	

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No. of torsion cycles

2 Mio.

Torsion stress Torsion speed ± 180 °/m 35 cycles/min

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