

MSUD double valve BI-11mm with cable

PUR 4x0.75 bk UL/CSA+drag ch. 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.

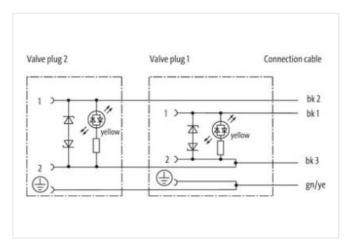
Plastic housings with good resistance against chemicals and oils.

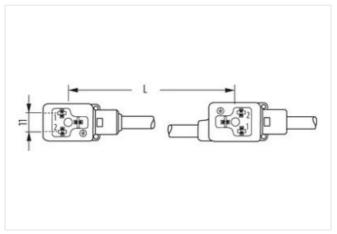
The resistance to aggressive media should be individually tested for your application. Further details on request.

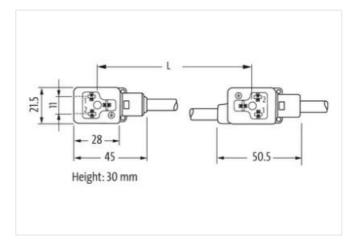
Link to Product

Illustration









Product may differ from Image



Cable length

5 m

Side 1



Tightening torque	0,4 Nm
Thread	M3
Material	PBT
Side 2	
Tightening torque	0,4 Nm
Thread	M3
Material	PBT
Commercial data	
	07070040
ECLASS-6.0 ECLASS-6.1	27279218
	27279218
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	4048879136075
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)	
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
Modifiling method	moortou, solewed

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: 2024-05-17



stay connected

Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
dditional condition temperature range	depending on cable quality	
Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
lote 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	637	
Cable Type	3	
Printing color of wire insulation	white (isolation black)	
acket Color	black	
ype of Certificate	cURus	
mount stranding	1	
Stranding	4 wires twisted	
rire arrangement	black 1, black 2, black 3, green-yellow	
Cable weigth	69,3 g/m	
Aabie weigth Material jacket	PUR	
	90 + 5 Shore A	
Shore hardness jacket		
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	6,5 mm	
olerance outer diameter (sheath)	±5%	
Material wire insulation	PP	
amount wires	4	
Outer diameter insulation	1,85 mm	
Outer diameter tolerance core insulation	± 5 %	
Shore hardness wire insulation	70 ± 5 Shore D	
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Printing color of wire insulation	white (isolation black)	
mount strands (wire)	42	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,75 mm ²	
flaterial conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
raversing distance (C-track)	10 m @ 25 °C horizontal	
Iominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	9,6 A	
lectrical resistance line constant wire	26 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	2,5 kV @ 60 s	
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s	
fin. operating temperature (static)	-40 °C	
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation	
perating temperature min. (dynamic)	-25 °C	
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation	
IV resistance	DIN EN ISO 4892-2 A	
lame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090	
hemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Dil resistance	DIN EN 60811-404 Good, application-related testing	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	



Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min