

MSUD double valve BI-11mm with cable

PUR 4x0.75 ye UL/CSA+drag ch. 3m

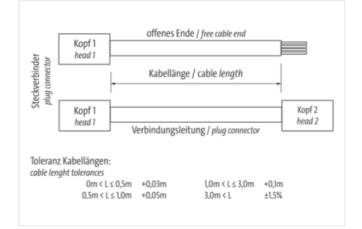
Art.No.: 7000-58101-0370300 Weight: 0.242 Country of origin: CZ Model designation: MSLL3-036_100-LL3_037_3.0

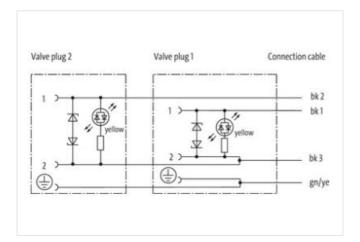
Form BI (11 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 100 mm Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

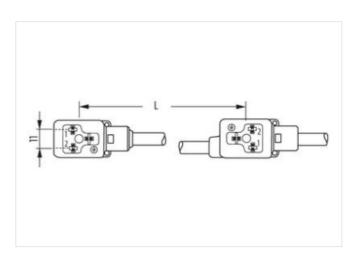
Link to Product

Illustration



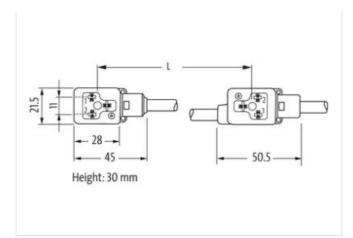






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Product may differ from Image



Cable length	3 m	
Side 1		
Tightening torque	0,4 Nm	
Thread	M3	
Side 2		
Tightening torque	0,4 Nm	
Thread	M3	
Commercial data		
ECLASS-6.0	27279218	
ECLASS-6.1	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	
customs tariff number	85444290	
EAN	4048879303347	
EAN	4048879303347	
Packaging unit	1	
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	

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Cut off pook voltage may	55 V	
Cut-off peak voltage max.	4 A	
Current consumption max.	12 mA	
Diagnostics		
Status indication LED	yellow	
Device protection Electrical		
Degree of protection (EN IEC 60529)	IP67	
Additional condition protection degree	inserted, screwed	
Rated surge voltage	0,8 kV	
Mechanical data Material data		
Material housing	Plastic	
Color housing	black	
Mechanical data Mounting data		
Mounting method	inserted, screwed	
-		
Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
Operating temperature max. Additional condition temperature range	85 °C depending on cable quality	
	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		
wire arrangement	black 1, black 2, black 3, green-yellow	
Cable identification	037	
Cable Type	3	
Printing color of wire insulation	white (isolation black)	
Jacket Color	yellow	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	4 wires twisted	
wire arrangement	black 1, black 2, black 3, green-yellow	
Cable weigth	69,3 g/m	
Material jacket	PUR	
Shore hardness jacket	90 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	6,5 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PP	
Amount wires	4	
Outer diameter insulation	1,85 mm	
Outer diameter tolerance core insulation Shore hardness wire insulation	± 5 % 70 ± 5 Shore D	
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	42 0,15 mm	
Conductor crosssection (wire)	0.75 mm ²	
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	
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Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
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 § 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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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