

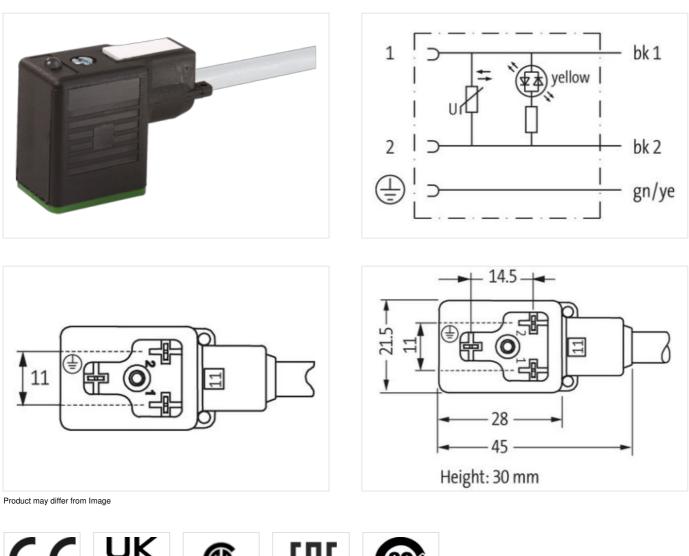
MSUD valve plug BI-11mm 180° with cable

PUR 3x0.75 gy UL/CSA 5m

MSUD Form BI (11 mm) 230 V AC/DC ±10% LED and suppression PE opposite cable entry (180°) 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





Cable length

5 m

Side 1

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Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Family construction form	MSUD BI	
Thread	M3	
Material	PBT	
Degree of protection (EN IEC 60529)	IP67	
Commercial data		
	07070010	
ECLASS-6.0	27279218	
ECLASS-7.0 ECLASS-8.0	27279218 27279218	
ECLASS-9.0	27060311	
ECLASS-9.0	27060312	
ECLASS-10.1	27060312	
ECLASS-12.0	27060312	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879465649	
Packaging unit	1	
Electrical data		
Capacity CX	20 ms	
Electrical data Supply		
Operating voltage AC	230 V	
Operating voltage AC min.	207 V	
Operating voltage AC max.	253 V	
Operating voltage DC	230 V	
Operating voltage DC min.	207 V	
Operating voltage DC max.	253 V	
Cut-off peak voltage max.	560 V	
Current operating per contact max.	0,5 A	
Diagnostics		
Status indication LED	yellow	
Installation Connection		
Mounting set	M3	
Device protection Electrical		
Additional condition protection degree	inserted, screwed	
Rated surge voltage	4 kV	
Material group (IEC 60664-1)		
Additional suppressor	Varistor	
Mechanical data Material data		
Coating of fitting	verzinkt	
Color housing Material housing	black Plastic	
Material screw connection	Steel	
	Slee	
Mechanical data Mounting data		
Mounting method	inserted, screwed	
Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
Additional condition temperature range	depending on cable quality	
Important installation notes		
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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	
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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	226
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	55,33 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Material wire insulation	PVC
Amount wires	3
Outer 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
Amount strands (wire)	42
Diameter of single wires	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
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C

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