

MSUD valve plug BI-11mm with cable

PUR 3x0.75 bk UL/CSA+drag ch. 15m

MSUD Form BI (11 mm) 24 V AC ±20% / DC ±25% LED and suppression

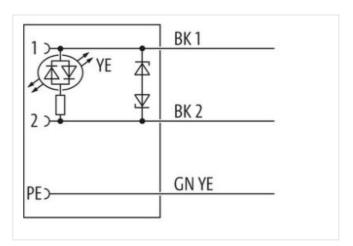
Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

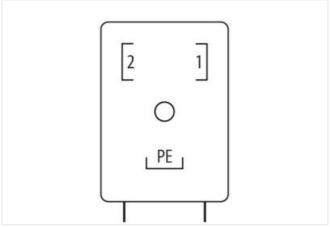
The resistance to aggressive media should be individually tested for your application. Further details on request.

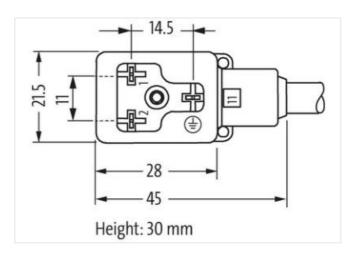
Link to Product

Illustration









Product may differ from Image









Cable length

15 m

Side 1

Tightening torque 0,4 Nm

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Thread M3	Mounting method	inserted, screwed
Tread	Family construction form	
Metroid PBT		
Commercial data	Material	PBT
Commercial data	Degree of protection (EN IEC 60529)	IP67
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 2700311 ECLASS-11 2700312 ECLASS-11.1 2700312 ECLASS-12.0 2700312 ECLASS-17.0 2700312 ECLASS-17.0 2700312 ECLASS-17.0 4048872 ECLASS-17.0 4048872 Call Manager Control 4048872 GTIN 4048872 Fackaging unit 1 Electrical data 1 Dop out dissign from max 2 on s Electrical data Supply 1 Operating voltage AC 24 V Operating voltage AC max 28 B V Operating voltage AC max 28 B V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC max 30 V Cut of pack voltage DC max 55 V Current consumption max 15 mA Diagnostics 1 States inclusion LD <		
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	Operating temperature max.	85 °C

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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	
vire arrangement	black 1, black 2, green-yellow
Cable identification	636
Cable Type	3
Printing color of wire insulation	white (isolation black)
lacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
vire arrangement	black 1, black 2, green-yellow
Cable weigth	56,1 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)	5.9 mm
Folerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
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)
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	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
JV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
3 -==== (=,-======)	
No of bending cycles (C-track)	10 Mio (a) 25 °C
No. of bending cycles (C-track) Traversing distance (C-track)	10 Mio. @ 25 °C 10 m @ 25 °C horizontal



No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	