

MSUD valve plug BI-11mm 180° with cable

PVC 3x0.75 bk 10m

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

PE opposite cable entry (180°) Attention: Contact carrier turned to 180°!

Further cable lengths on request.

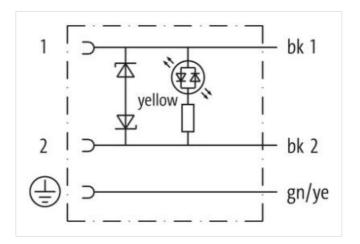
Plastic housings with good resistance against chemicals and oils.

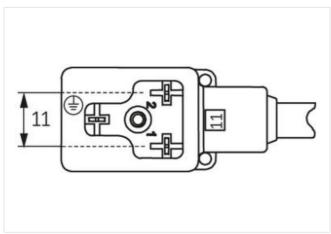
The resistance to aggressive media should be individually tested for your application. Further details on request.

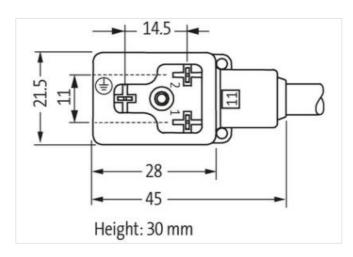
Link to Product

Illustration









Product may differ from Image









Cable length

10 m



stay connected

Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
-amily construction form	MSUD BI
Thread	M3
Material	PBT
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879220064
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data Supply	20 1110
	04.1/
Operating voltage AC Operating voltage AC min.	24 V 19,2 V
Operating voltage AC min. Operating voltage AC max.	
Operating voltage AC max. Operating voltage DC	28,8 V 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
Installation Connection	
Mounting set	M3
Device protection Electrical	
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 Material data	
Coating locking	verzinkt
Coating of fitting	verzinkt
Color housing	black
Material gasket	PUR
ocking material	Steel
Material screw connection	Steel
Mechanical data Mounting data	
Mechanical data Mounting data Mounting method	inserted, screwed



stay connected

Important installation notes	Operating temperature min.	-25 °C
Note on tristalitation notes Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be entangered by excessive bending forces. Printialitation (Sable Type 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Attention: Observe the permissible borning radiu when laying cables, as the IP protection class can be entargered by accessive bending reces. Attention: Observe the permissible borning radii when laying cables, as the IP protection class can be entargered by accessive bending forces. Attention: Cable identification 6618 Cable lype 1 1 Firefing caller of wite insulation white (solation black) Jacket Color black Amount stranding 1 Stranding 3 wires braited Wire arrangement black 1, black 2, green-yellow Cable weigh 61,6 grim Malerial poket PVC Strore hardness jacket 80 ± 5 Strore A PVC Strore hardness jacket 80 ± 5 Strore A Freedom from ingredients (jacket) 5.9 mm Folkerance outer clameter (releath) 5.9 mm Folkerance outer clameter (releath) 5.9 mm Folkerance outer clameter (releath) 5.9 mm Folkerance outer clameter insulation 1,8 mm Duter diameter insulation 1,8 mm Jacketial progradies wire insulation 1,8 mm Jacketial progradies wire insulation 1,8 mm Duter diameter insulation 1,8 mm All 5 Shore D Makerial progradies wire insulation 1,8 mm All 5 Shore D Makerial progradies (grid or wire) 1,8 mm All 6 (grid opport wire) 1,8 mm Diameter of single wires Occolarator type (wire) 1,8 mm Makerial progradies (grid conductor - pround) Duter diameter insulation 1,8 mm Jacket Colorator or vire insulation 1,8 mm Jacket Colorator pic (wire) 1,8 mm Jacket Colorator vire) 1,8 mm Jacket Colorator vire (wire) 1,8 mm Jacket Colorator vire (wire) 1,8 mm Jacket Colorator vire (wire) 1,8 mm Jacket C	Additional condition temperature range	depending on cable quality
Aberlain: Cheserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. **Teacher dentification*** Cable identification** Sile Cable Type** 1 Printing color of wire insulation white (solation black) Jacket Color black Market Color black Stranding 3 wires twasted wire arrangement block 1, black 2, green-yellow Cable weigh 61,6 gm** Cable weigh 61,6 gm** Material jacket PVC Shore hardness jacket PVC Tolerance outer dimenser (placket) 1,5 gm** Material jacket PVC Tolerance outer dimenser (placket) 5,9 mm Carlor wire insulation PVC Material yellow in sulation PVC Mater	Important installation notes	
installation Cable	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification 616 Cable Type 1 1 Printing color of wire insulation white (isolation black) Jacket Color black Amount stranding 1 Simulation	Note on bending radius	
Cable Type I Printing color of wire insulation white (isolation black) Jacket Color black Amount stranding 1 Stranding 3 wires twisted Stranding 5 the Color black Jacket Color black black Jacket black black black Jacket black Jacket	Installation Cable	
Cable Type I Printing color of wire insulation white (isolation black) Jacket Color black Amount stranding 1 Stranding 3 wires twisted Stranding 5 the Color black Jacket Color black black Jacket black black black Jacket black Jacket	Cable identification	616
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Jacket Color	• • • • • • • • • • • • • • • • • • • •	
Stranding 3 wires twisted black 1, black 2, green-yellow Cable weight 61,6 g/m Material jacket PVC Shore hardness jacket PVC Amount wires a manufaction of the properties	Jacket Color	
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Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - acket) 3 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 70 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C UV resistance DIN EN ISO 4892-2 A 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 Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Max. rated voltage (conductor - ground)	300 V
Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - acket) 3 kV @ 60 s Win. operating temperature (static) -30 °C Max. operating temperature (fixed) 70 °C Deperating temperature min. (dynamic) -5 °C Deperating temperature max. (dynamic) 70 °C UV resistance DIN EN ISO 4892-2 A 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 Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 × Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - acket) 3 kV @ 60 s Win. operating temperature (static) 3 cC Max. operating temperature (fixed) 5 cC Operating temperature min. (dynamic) 70 °C Operating temperature max. (dynamic) 70 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Schemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Current load capacity min. wire	12 A
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Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter	Bending radius (fixed)	5 x Outer diameter
	Bending radius (dynamic)	10 x Outer diameter