

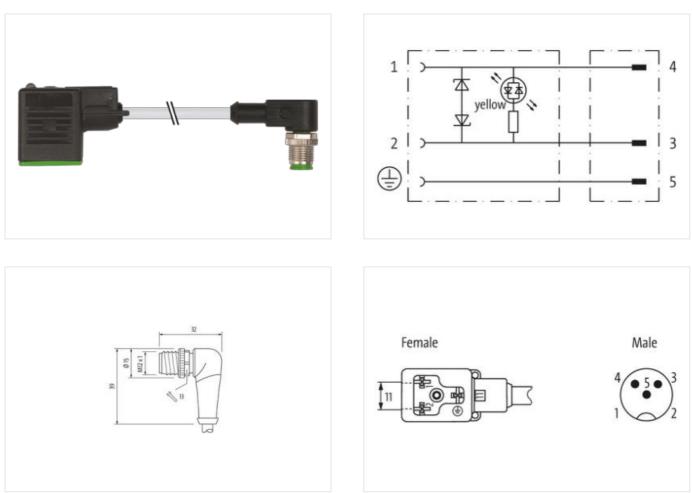
M12 male 90° A-cod. / MSUD valve plug BI-11mm

PVC 3x0.75 gy 0.6m

MSUD Form BI (11 mm) – M12, male 90° 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









Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	MSUD BI
Thread	M3
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
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
GTIN	4048879148399
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data Supply	

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: 2024-05-09

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Operating voltage AC min. 19.2 V Operating voltage AC max. 28.8 V Operating voltage AC 24.4 V Operating voltage AC max. 39.V Operating voltage AC max. 55.V Operating voltage AC max. 55.V Carlot operating voltage AC max. 12 mA Disposition 4.A Current operating voltage AC max. 12 mA Disposition 12 mA <tr< th=""><th>Operating voltage AC</th><th>24 V</th></tr<>	Operating voltage AC	24 V
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Diagnostics Status indication LED yellow Device protection Electrics] isserted, screwed	Current operating per contact max.	4 A
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Material properties wire insulation good machinability	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	Material properties wire insulation	
	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free

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Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	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)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
	3 kV @ 60 s -30 °C
jacket)	-
jacket) Min. operating temperature (static)	-30 °C
jacket) Min. operating temperature (static) Max. operating temperature (fixed)	-30 °C 70 °C
jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	-30 °C 70 °C -5 °C
jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	-30 °C 70 °C -5 °C 70 °C
jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	-30 °C -30 °C -5 °C -5 °C 70 °C UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	-30 °C 70 °C -5 °C 70 °C UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Good, application-related testing
jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	-30 °C 70 °C -5 °C 70 °C UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing

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: 2024-05-09

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