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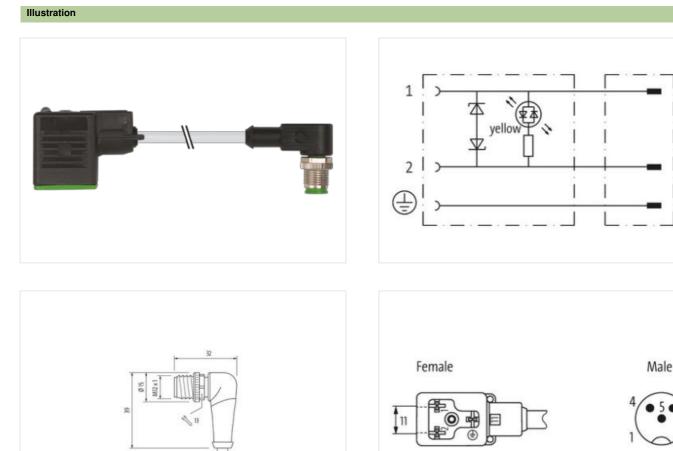
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M12 male 90° A-cod. / MSUD valve plug BI-11mm

PVC 3x0.75 gy 1m

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



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: 2024-05-18





Product may differ from Image



Cable length	1 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	4048879148382
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data Supply	

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Tolerance outer diameter (sheath) ± 5 % 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		
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		
Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	. ,	
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	Amount wires	3
Shore hardness wire insulation 43 ± 5 Shore D	Outer diameter insulation	
	Outer diameter tolerance core insulation	
Material properties wire insulation good machinability	Shore hardness wire insulation	43 ± 5 Shore D
	Material properties wire insulation	good machinability
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	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

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