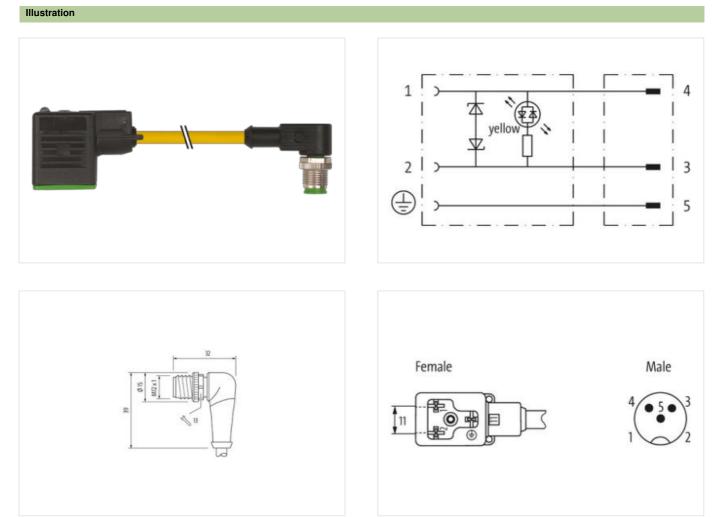


M12 male 90° A-cod. / MSUD valve plug BI-11mm

PUR 3x0.75 ye UL/CSA 1.5m

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: 2024-05-19





Product may differ from Image



Cable length	1,5 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	4048879609746
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data Supply	

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Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 %	Operating voltage AC	24 V
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Material jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mm	wire arrangement	black 1, black 2, green-yellow
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) yellow Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm	Cable weigth	55 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mm	Material jacket	PUR
Outer-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mm	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) yellow Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC Color (inner jacket) yellow Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm	Outer-diameter (jacket)	5,9 mm
Color (inner jacket) yellow Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm	Material inner jacket	PVC
Amount wires 3 Outer diameter insulation 1,8 mm	Color (inner jacket)	yellow
Outer diameter insulation 1,8 mm	Material wire insulation	PVC
	Amount wires	3
Outer diameter tolerance core insulation ± 5 %	Outer diameter insulation	1,8 mm
	Outer diameter tolerance core insulation	±5%

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Shore hardness wire insulation	43 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° C
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
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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