

M12 male 0° A-cod. / MSUD valve plug BI-11mm

PUR 3x0.75 bk UL/CSA 3m

MSUD Form BI (11 mm) – M12, male straight

24 V AC ±20% / DC ±25%

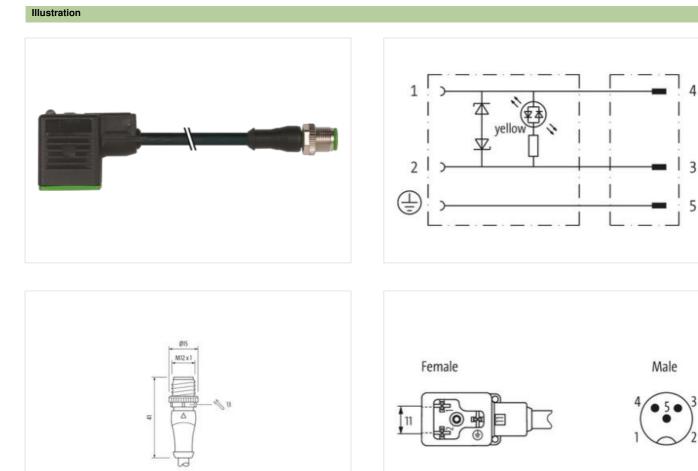
LED and suppression

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



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Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	MSUD
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	4048879148825
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data Supply	

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Operating voltage AD max 28.9 V Operating voltage AD max 30 V Carlot Packing voltage AD max 30 V Carlot Packing voltage AD max 30 V Carlot Packing voltage AD max 4 A Diagnostic V Diagnostic V Diagnostic ID Control Voltage AD Max Diagnostic ID Control Voltage AD Max Diagnostic ID Control Voltage AD Max Additional Control protocolin diagno Insertical, screwed Machanical dial ID Control Diagno Nack Machanical dial ID Control Diagno Pacato Machanical dial ID Control Diagno Pacato Machanical dial ID Control Diagno Pacato Deparation Voltage AD Max Environmental characteristics (Control Diagno AD Max Machanical dial ID Control Diagno Pacato Deparation Voltage AD Max Environmental Characteristics (Control Diagno AD Max (Voltage AD Max (Operating voltage AC	24 V
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Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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Amount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Material inner jacket	PVC
Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PVC
Outer diameter tolerance core insulation ±5 %	Amount wires	3
	Outer diameter insulation	
Shore hardness wire insulation 43 ± 5 Shore D		
	Shore hardness wire insulation	43 ± 5 Shore D

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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
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C

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: 2024-05-20