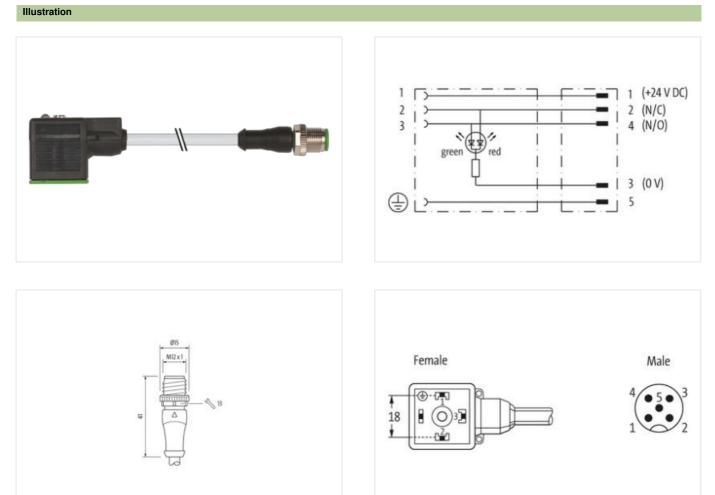


M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 5x0.34 gy UL/CSA+robot+drag ch. 1.5m

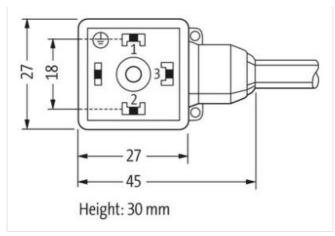
Form A (18 mm) – M12, male straight 24 V DC ±25% LED (red/green) for pressure switches Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image



Side 1 Tighening torque 0.4 Nm Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP67 Side 2 Image of protection form Tightening torque 0.6 Nm Family construction form M12 Tightening torque 0.6 Nm Family construction form M12 With across flats SW13 Degree of protection (EN IEC 60529) IP67 Electrical data Supply Image of protection (EN IEC 60529) Operating voltage DC 24 V Operating voltage DC 24 V Operating voltage DC main. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Device protection [Electrical Image of the screwed Pollution Degree 3 Retad surg voltage 0.8 kV Mechanical data Material data Image of the screwed Pollution Degree 3 Retad surg voltage 0.8 kV Material housing Image of the screwed Material housing Image of t		
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Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP67 Side 2	Side 1	
Thread M3 Degree of protection (EN IEC 60529) IP67 Side 2	Tightening torque	0,4 Nm
Degree of protection (EN IEC 60529) IP67 Side 2	Family construction form	MSUD
Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Electrical data Supply Porating voltage DC Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Device protection Electrical Inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Mechanical data Material data Inserted, screwed Mounting method inserted, screwed Pollution Degree 3 Rated surge voltage Plastic Mounting method inserted, screwed Pollution method inserted, screwed Pollution method inserted, screwed Pollution genee inserted, screwed Pollution Porating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional conditi	Thread	M3
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Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C
Important installation notes	Additional condition temperature range	depending on cable quality
	Important installation notes	

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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)
Installation Cable	
vire arrangement	brown, black, blue, white, green-yellow
Cable identification	255
Cable Type	5
lacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
vire arrangement	brown, black, blue, white, green-yellow
Cable weigth	41,8 g/m
Naterial jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	5 mm
olerance outer diameter (sheath)	± 5 %
Naterial wire insulation	PP
Amount wires	5
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Iominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
fin. operating temperature (static)	-40 °C
Nax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Dperating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
lame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
raversing distance (C-track)	5 m @ 25 °C horizontal
Fravel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.

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Torsion stress	± 360 °/m	
Torsion speed	35 cycles/min	
Commercial data		
customs tariff number	85444290	
Packaging unit	1	

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