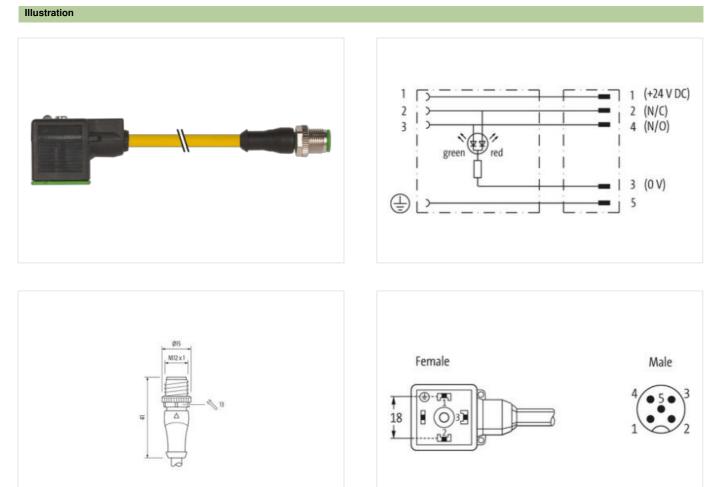


M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 5x0.34 ye UL/CSA+drag ch. 6m

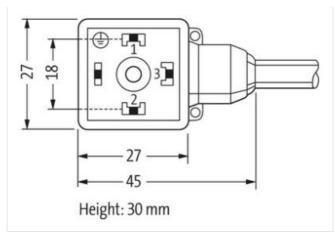
Form A (18 mm) – M12, male straight 24 V DC ±25% LED (red/green) for pressure switches Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image



State 1 Side 1 Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP67 Side 2 Iphtening torque 0.6 Nm Family construction form M12 Tightening torque 0.6 Nm Family construction form M12 Thread M12 x 1 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS - 0. ECLASS - 0. 27279218 ECLASS - 0. 27279218 ECLASS - 0. 27279218 ECLASS - 0. 272060312 ECLASS - 1.1 27060312 ECLASS - 1.1 27060312 ECLASS - 1.1 27060312 ECLASS - 1.1 27060312 ECLASS - 0 EC001855 oustoms tariff number 8544290 GTIN 4048879150880 Parkaging unit 1 Eterctical data Supply Operating voltage DC max. 30 V	Cable length	6 m
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Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree inserted, screwed	Operating voltage DC min.	18 V
Device protection Electrical Additional condition protection degree inserted, screwed	Operating voltage DC max.	30 V
Additional condition protection degree inserted, screwed	Current operating per contact max.	4 A
	Device protection Electrical	
Pollution Degree 3	Additional condition protection degree	inserted, screwed
	Pollution Degree	3

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Rated surge voltage	0,8 kV
Mechanical data Material data	
Color housing	black
Material housing	Plastic
č	
Mechanical data Mounting data	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	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	035
Cable Type	3
lacket Color	yellow
ype 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	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	4,8 mm
Folerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 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
Aaterial 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	4.5 A
Electrical resistance line constant wire	57 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
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation

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Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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