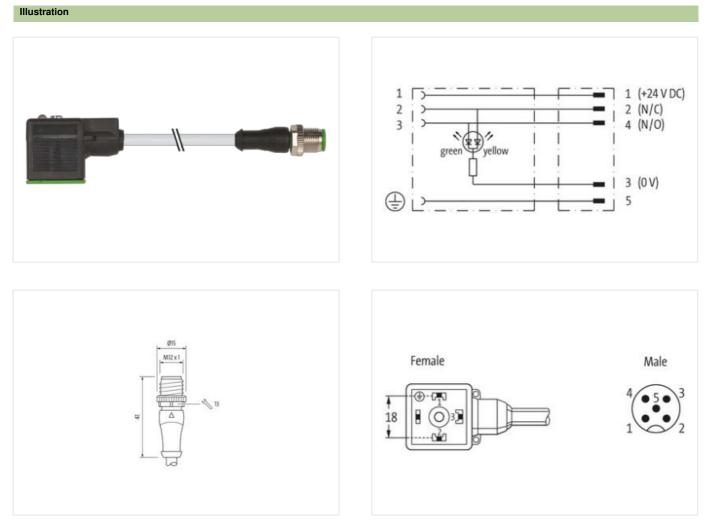


M12 male 0° A-cod. / MSUD valve plug A-18mm

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

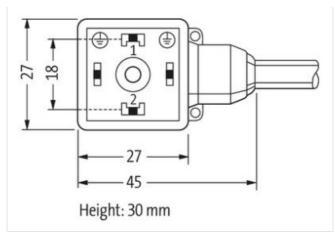
MSUD Form A (18 mm) – M12, male straight 24 V DC ±25% LED (yellow/green) for pressure switches Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on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

Link to Product



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Product may differ from Image



Side 1 Tightening torque 0.4 Nm Family construction form MSUD Thread M3 Material PUR Dagree of protection (EN IEC 60529) IP67 Side 2 Tightening torque Differing torque 0.6 Nm Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material PBT Width across flats SW13 Degree of protection (EN IEC 60529) P67 Commercial data 27279218 ECLASS 4.0 27279218 ECLASS 4.0 27279218 ECLASS 4.0 27279218 ECLASS 4.1.1 27060312 ECLASS 4.2.0 27060312 ECLASS 4.2.0 27060312 ECLASS 4.2.0 27060312 ETIM 5.0 EC001855 customs tariff number 85444290 Grints 4048879766517 Packaging unit 1 Electricial data Jappi <td< th=""><th></th><th></th></td<>		
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Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	customs tariff number	85444290
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Operating voltage DC min. 18 V Operating voltage DC max. 30 V	Electrical data Supply	
Operating voltage DC max. 30 V	Operating voltage DC	24 V
oportaing tomage bo max.	Operating voltage DC min.	18 V
Current operating per contact max. 4 A	Operating voltage DC max.	30 V
	Current operating per contact max.	4 A

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Current consumption max.	15 mA
Diagnostics	
Status indication LED	green, yellow
	groon, yonow
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	safe-cover coated
Color housing	black
Material gasket	PUR
Material housing	Plastic
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted. screwed
Ŭ	
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.
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.
Installation Cable	
Cable identification	255
Cable Type	5
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Traversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	41,8 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	т 5 % РР
Amount wires	5
Outer diameter insulation	5 1,25 mm
	1,25 mm ± 5 %
Outer diameter tolerance core insulation	
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount atranda (mina)	42
Amount strands (wire)	
Diameter of single wires	0,1 mm
Diameter of single wires Conductor crosssection (wire)	0,34 mm ²
Diameter of single wires Conductor crosssection (wire) Material conductor wire	0,34 mm ² Stranded copper wire, bare
Diameter of single wires Conductor crosssection (wire)	0,34 mm ²

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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 - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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