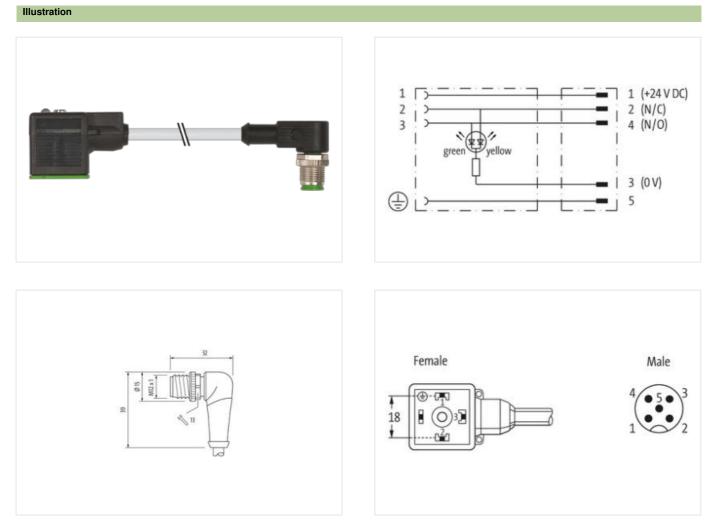


M12 male 90° A-cod. / MSUD valve plug A-18mm

PUR 5x0.34 gy UL/CSA+drag ch. 2m

MSUD Form A (18 mm) – M12, male 90° 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 Tightening torque 0.4 Nm Timead M3 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Image of protection (EN IEC 60529) Tightening torque 0.6 Nm Family construction form M12 Pread M12 x 1 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data 27279218 ECLASS 6.0 27279218 CCLASS 6.1 27279218 CCLASS 9.0 27279218 CCLASS 9.0 27260312 CCLASS 9.0 27060312 CCLASS 9.0 27060312 CCLASS 9.0 27060312 CCLASS 9.1.1 27060312 CCLASS 9.2 27060312 CCLASS 9.2 27060312 CCLASS 9.1 27060312 CCLASS 9.1 27060312 CCLASS 9.1 4048879494632 Parkainfi number 8544209 STIN 404887944632 Pareding voltage DC max. 30 V		0
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Thread M3 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2	Tightening torque	0,4 Nm
Degree of protection (EN IEC 60529) IP66K, IP67 Side 2	Family construction form	MSUD
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Operating voltage DC max. 30 V Current operating per contact max. 4 A Current consumption max. 12 mA	Operating voltage DC	24 V
Current operating per contact max. 4 A Current consumption max. 12 mA	Operating voltage DC min.	18 V
Current consumption max. 12 mA	Operating voltage DC max.	30 V
	Current operating per contact max.	4 A
Device protection Electrical	Current consumption max.	12 mA
	Device protection Electrical	

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Rated surge voltage	0,8 kV
Mechanical data Material data	
Color housing	black
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	inserted. screwed
Environmental characteristics Climatic	
•	
Operating temperature min.	-25 °C 85 °C
Operating temperature max. 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	235
Cable Type	3
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
Cable weigth	41,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,8 mm
Tolerance outer diameter (sheath) Material wire insulation	± 5 % PP
	5
Amount wires Outer diameter insulation	5 1.25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient 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
Traversing distance (C-track)	10 m @ 25 °C horizontal
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 - 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

IEC 60332-2-2 | UL 1581 § 1090 | 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	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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