

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

PUR 5x0.34 bk UL/CSA+drag ch. 0.5m

Form A (18 mm) – M12, male straight 24 V DC ±25% LED (red/green) for pressure switches

Further cable lengths on request.

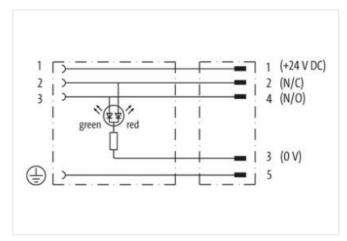
Plastic housings with good resistance against chemicals and oils.

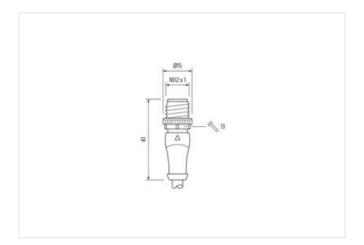
The resistance to aggressive media should be individually tested for your application. Further details on request.

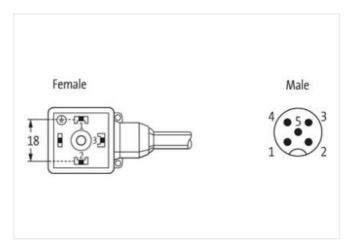
Link to Product

Illustration



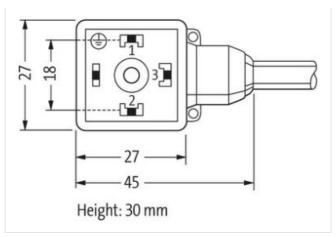








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Product may differ from Image









Side 1 Control 0.4 Nm Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP67 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 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-10.2 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404887959379 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage pc contact max. 4 A		
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Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 1 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-13.0 ECO18855 CUSTASS-14.0 ECO18855 CUSTASS-15.0 ECO18855 CUSTASS-16.0 ECO18855 CUSTASS-17.0 ECO1885	Side 1	
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Degree of protection (EN IEC 80529) IP67	Family construction form	MSUD
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Operating voltage DC max. 30 V Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree inserted, screwed	Operating voltage DC	24 V
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

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: 2024-05-17



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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
	inscribu, sofewed
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)
Installation Cable	\(\frac{1}{2}\)
·	625
Cable identification	635
Cable Type Jacket Color	3 black
	cURus
Гуре of Certificate 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)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer 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
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Fraversing 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 - acket)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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