

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

PUR 5x0.34 bk UL/CSA 5m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

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

for pressure switches

Further cable lengths on request.

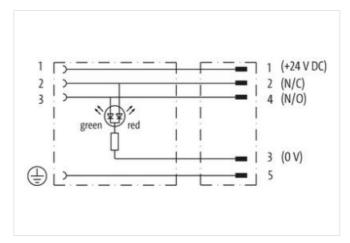
Plastic housings with good resistance against chemicals and oils.

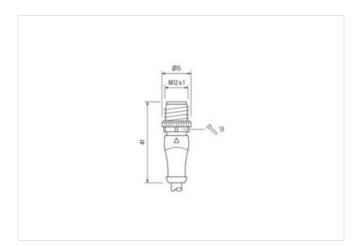
The resistance to aggressive media should be individually tested for your application. Further details on request.

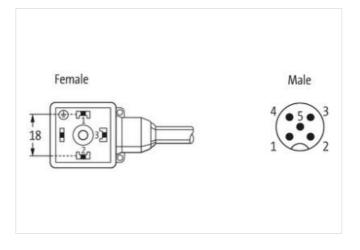
Link to Product

Illustration



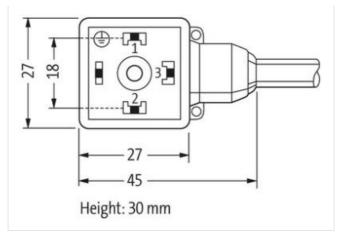








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Product may differ from Image









Cable length 5 m Side 1 Tightening torque 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 date ECLASS 6.0 ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060312 ECLASS 9.0 27060312 ECLASS 9.0 27060312 ECLASS 9.1.1 27060312 ECLASS 9.0 2000312 ECLASS 9.1.0 27060312 ECLASS 9.0 2000312 ECLASS 9.0 2000312 ECLASS 9.0 2000312 ECLASS 9.0 2000312 ECLASS 9.0		
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Degree of protection (EN IEC 60529) IP67	Thread	M12 x 1
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Operating voltage DC max. 30 V Current operating per contact max. 4 A Device protection Electrical	Operating voltage DC	24 V
Current operating per contact max. 4 A Device protection Electrical	Operating voltage DC min.	18 V
Device protection Electrical	Operating voltage DC max.	30 V
	Current operating per contact max.	4 A
Additional condition protection degree inserted, screwed	Device protection Electrical	
	Additional condition protection degree	inserted, screwed

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: 2024-04-27



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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	11001100, 00101100
	-25 °C
Operating temperature min.	85 °C
Operating temperature max. Additional condition temperature range	depending on cable quality
	depending on casic quality
Cable	
Cable identification	625
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	54,78 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	5× 0.34 mm ²
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	43 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material jacket	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.0 mm ±5%
Color jacket	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²