

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

PVC 5x0.34 ye UL/CSA 2m

MSUD Form A (18 mm) – M12, male 90° 24 V DC ±25% LED (yellow/green) for pressure switches Further cable lengths on request.

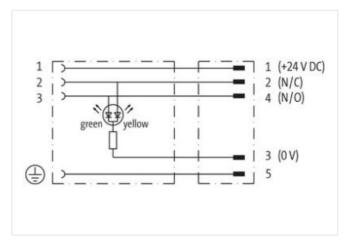
Plastic housings with good resistance against chemicals and oils.

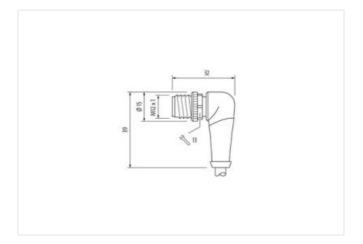
The resistance to aggressive media should be individually tested for your application. Further details on request.

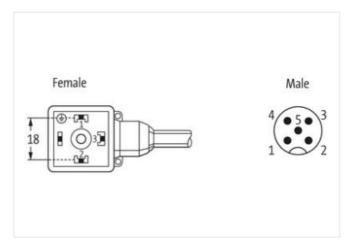
Link to Product

Illustration



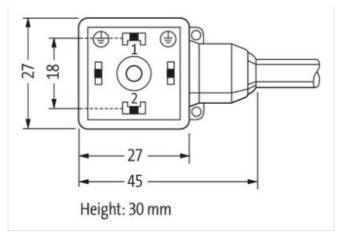








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Product may differ from Image



Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.2 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.1 27060312 ETIM-5.0 EC03155 customs tariff number 85444290 GTIN 4048879149532 Packaging unit 1 Electrical data Supply Operating voltage DC Min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A	Cable length	2 m
Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 6,6 Nm Family construction form M12 Thread M12 x 1 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-10.2 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-10.1 85444290 GTIN 4048879149532 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Current consumption max.	Side 1	
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Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-1.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 EC001855 customs tariff number 8544290 GTIN 4048879149532 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current consumption max. 12 mA	Family construction form	MSUD
Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-1.1.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879149532 Packaging unit 1 Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current consumption max. 12 mA	Thread	M3
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Operating voltage DC min. Operating voltage DC max. Operating voltage DC max. 30 V Current operating per contact max. 4 A Current consumption max. 12 mA	Electrical data Supply	
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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Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Mechanical data Material data	
	black
Color housing	black
Material housing	Plastic
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
Installation Cable	
Cable identification	015
Cable Type	1
Jacket Color	yellow
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	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire Conductor type (wire)	Stranded copper wire, bare Strand class 5
	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	4,5 A 57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power	
(wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
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
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Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter