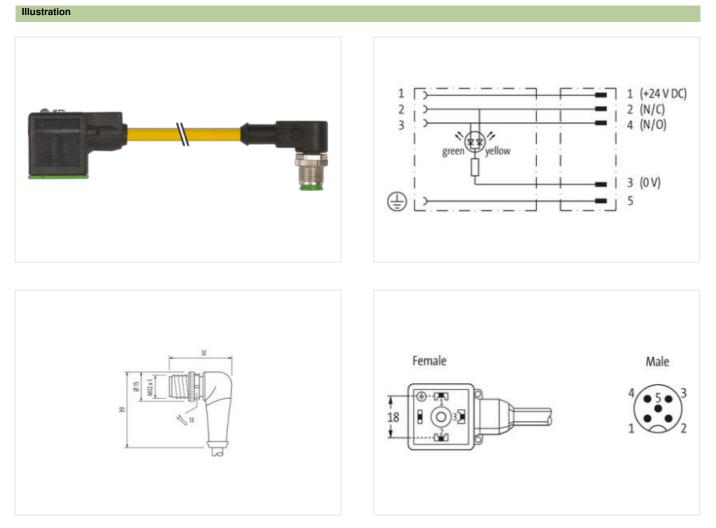


M12 male 90° A-cod. / MSUD valve plug A-18mm

PVC 5x0.34 ye UL/CSA 0.3m

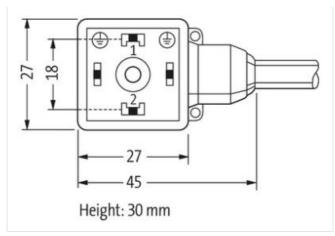
MSUD Form A (18 mm) – M12, male 90° 24 V DC ±25% LED (yellow/green) for pressure switches Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image



Side 1 Tightening torque 0.4 Nm Family construction form MSUD Thread M3 Degree of protection (EN EC 60529) IP66K Side 2 IP1000000000000000000000000000000000000		
Tightening torque 0.4 Nm Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2	Cable length	0,3 m
Family construction form MSUD Thread M3 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 IP66K, IP67 Side family construction form M12 Thread M12 N1 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data IP66K, IP67 Commercial data IP272918 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27260312 ECLASS 9.0 27060312 ECLASS 9.0 27060312 ECLASS 9.10.1 27060312 ECLASS 9.10.1 27060312 ECLASS 9.10.1 27060312 ECLASS 9.10.1 E001855 customs taff number 85444290 GTIN 4048879610322 Packaging unit <t< td=""><td>Side 1</td><td></td></t<>	Side 1	
Thread M3 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Panily construction form M12 Thread M12 X M12 Degree of protection (EN IEC 60529) IP66K, IP67 M12 X Degree of protection (EN IEC 60529) IP66K, IP67 M12 X Commercial data M12 X M12 X ECLASS 6.0 27279218 M12 X ECLASS 6.1 27279218 M12 X ECLASS 6.0 27279218 M12 X ECLASS 8.0 27279218 M12 X ECLASS 8.0 27279218 M12 X ECLASS 9.0 27060312 M12 X ECLASS 9.0 27060312 M12 X ECLASS 9.0 27060312 M12 X ECLASS 9.0 ECO01855 M12 X customs tariff number 85444290 M14 X GTIN 4048879610322 M14 X Packaging unit 1 M14 X Deperating voltage DC 24 V M14 X Operating voltage DC min. 18 V	Tightening torque	0,4 Nm
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 ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27260312 ECLASS-8.0 27260312 ECLASS-1.1 27060312 ECLASS-12.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-13.1 27060312 ECLASS-14.1 404879610322 Packaging unit 1 Electrical datal Supply Operating voltage DC	Family construction form	MSUD
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Family construction form M12 Thread M12 x 1 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879610322 Packaging unit 1 Electrical data Supply 24 V Operating voltage DC 24 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Current onsumption max. 12 mA	Side 2	
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ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879610322 Packaging unit 1 Electrical data Supply 24 V Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Current consumption max. 12 mA	ECLASS-9.0	27060312
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customs tariff number85444290GTIN4048879610322Packaging unit1Electrical data Supply24 VOperating voltage DC24 VOperating voltage DC min.18 VOperating voltage DC max.30 VCurrent operating per contact max.4 ACurrent consumption max.12 mA	ECLASS-12.0	27060312
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Electrical data Supply Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Current consumption max. 12 mA	GTIN	4048879610322
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Operating voltage DC min. 18 V 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	
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
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	015
Cable Type	1
Jacket Color	vellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
iller	
	yes brown, black, blue, white, green-yellow
vire arrangement	
Cable weigth Naterial jacket	48,4 g/m PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Duter-diameter (jacket)	5.2 mm
Folerance outer diameter (sheath)	±5%
Aterial wire insulation	PVC
	5
Amount wires	5 1.25 mm
Duter diameter insulation	
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D good machinability
Material properties wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
0	
Amount strands (wire)	
Diameter of single wires	0,15 mm
Conductor crosssection (wire) Material conductor wire	0,34 mm ² Stranded copper wire, bare
	Stranded copper wire, bare Strand class 5
Conductor type (wire)	
Nominal voltage AC max.	300 V to DIN VDE 0298-4
Current load capacity (standard)	
	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
Vin. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C

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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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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