

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

PVC 5x0.34 ye UL/CSA 0.3m

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

Further cable lengths on request.

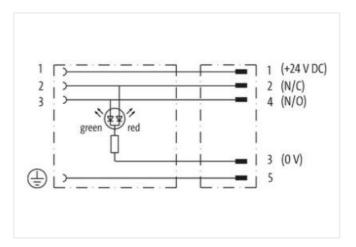
Plastic housings with good resistance against chemicals and oils.

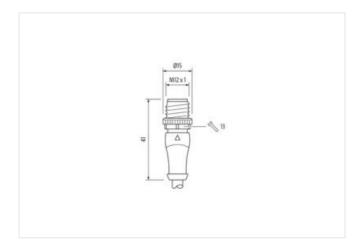
The resistance to aggressive media should be individually tested for your application. Further details on request.

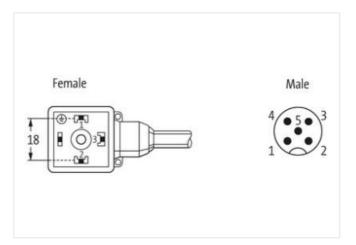
## **Link to Product**

## Illustration



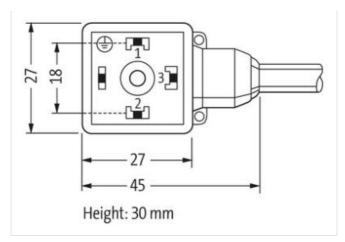








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Product may differ from Image







Family construction form MSUD  Thread M3  Degree of protection (EN IEC 60529) IP67  Side 2  Fightening torque 0,6 Nm  Family construction form M12  Thread M12 x 1  Midth across flats SW13  Degree of protection (EN IEC 60529) IP67  COmmercial data  FCCLASS-10 27279218  FCCLASS-10 27279218  FCCLASS-9.0 27799218  FCCLASS-10.1 27060312  FCCLASS-10.1 27060312  FCCLASS-10.1 27060312  FCCLASS-10.0 27060311  FCCLASS-10.0 27060311  FCCLASS-10.0 27060311  FCCLASS-10.0 27079218  FCCLASS-1	Cable length	0,3 m
Family construction form MSUD  Thread M3  Degree of protection (EN IEC 60529) IP67  Side 2  Fightening torque 0,6 Nm  Family construction form M12  Thread M12 x 1  Midth across flats SW13  Degree of protection (EN IEC 60529) IP67  COmmercial data  FCCLASS-10 27279218  FCCLASS-10 27279218  FCCLASS-9.0 27799218  FCCLASS-10.1 27060312  FCCLASS-10.1 27060312  FCCLASS-10.1 27060312  FCCLASS-10.0 27060311  FCCLASS-10.0 27060311  FCCLASS-10.0 27060311  FCCLASS-10.0 27079218  FCCLASS-1	Side 1	
Thread	Tightening torque	0,4 Nm
Degree of protection (EN IEC 60529)   IP67	Family construction form	MSUD
Side 2           Fightening 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         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC01855           busions tariff number         85444290           STIN         4048879788533           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Device protection   Electrical           Additional condition protection degree         inserted, screwed	Thread	M3
Fightening torque	Degree of protection (EN IEC 60529)	IP67
Family construction form M12  Thread M12 x 1  Midth across flats SW13  Degree of protection (EN IEC 60529) IP67  Commercial data  CCLASS-6.0 27279218  CCLASS-7.0 27279218  CCLASS-8.0 27279218  CCLASS-9.0 27060311  CCLASS-10.1 27060312  CCLASS-10.1 27060312  CCLASS-11.1 27060312  CCLASS-12.0 27060312  CCLASS-11.1 27060312  CCLASS-11.1 27060312  CCLASS-11.1 1 27060312  CCLASS-10.1 1 27060311  CCLASS-10.1 1 27060311  CCLASS-10.0 1 270603	Side 2	
Mile	Tightening torque	0,6 Nm
SW13   Degree of protection (EN IEC 60529)   IP67	Family construction form	M12
Degree of protection (EN IEC 60529)  Commercial data  ECLASS-6.0  27279218  ECLASS-7.0  27279218  ECLASS-8.0  27279218  ECLASS-9.0  27060311  ECLASS-9.0  ECLASS-10.1  27060312  ECLASS-11.1  27060312  ECLASS-12.0  ETIM-5.0  ECUASS-12.0  ETIM-5.0  ECUASS-12.0  ETIM-5.0  ECLASS-12.0  ECLASS-12.0  ETIM-5.0  ECLASS-12.0  ECLASS-10.1	Thread	M12 x 1
Commercial data	Width across flats	SW13
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 ETIM-5.0 EC01855 Exactoms tariff number 85444290 ETIM-5.0 EC01855 Exactoms tariff number 85444290 ETIM 4048879788533 Packaging unit 1  Electrical data   Supply  Deparating voltage DC 24 V  Deparating voltage DC min. 18 V  Deparating voltage DC max. 30 V  Current operating per contact max. 4 A  Device protection   Electrical  Additional condition protection degree inserted, screwed	Degree of protection (EN IEC 60529)	IP67
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ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 Eustoms tariff number 85444290 GTIN 4048879788533 Packaging unit 1  Electrical data   Supply Deperating voltage DC 24 V Deperating voltage DC min. 18 V Deperating voltage DC max. 30 V Eurrent operating per contact max. 4 A  Device protection   Electrical  Additional condition protection degree inserted, screwed	ECLASS-7.0	27279218
ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC01855 customs tariff number 85444290 ETIN 4048879788533 Packaging unit 1  Electrical data   Supply Deperating voltage DC 24 V Deperating voltage DC min. 18 V Deperating voltage DC max. 30 V Current operating per contact max. 4 A  Device protection   Electrical Additional condition protection degree inserted, screwed	ECLASS-8.0	27279218
ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 sustoms tariff number 85444290 GTIN 4048879788533 Packaging unit 1  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  Device protection   Electrical  Additional condition protection degree inserted, screwed	ECLASS-9.0	27060311
ECLASS-12.0 27060312 ETIM-5.0 EC001855  Sustoms tariff number 85444290 GTIN 4048879788533 Packaging unit 1  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  Device protection   Electrical Additional condition protection degree inserted, screwed	ECLASS-10.1	27060312
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879788533 Packaging unit 1  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  Device protection   Electrical Additional condition protection degree inserted, screwed	ECLASS-11.1	27060312
Eustoms tariff number 85444290  GTIN 4048879788533  Packaging unit 1  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  Device protection   Electrical  Additional condition protection degree inserted, screwed	ECLASS-12.0	27060312
Packaging unit  Electrical data   Supply  Operating voltage DC  Operating voltage DC min.  Operating voltage DC max.  Operating voltage DC max.  Operating voltage DC max.  Operating per contact max.  4 A  Device protection   Electrical  Additional condition protection degree inserted, screwed	ETIM-5.0	EC001855
Packaging unit 1  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  Device protection   Electrical  Additional condition protection degree inserted, screwed	customs tariff number	85444290
Deperating voltage DC 24 V Deperating voltage DC min. 18 V Deperating voltage DC max. 30 V Current operating per contact max. 4 A  Device protection   Electrical Additional condition protection degree inserted, screwed	GTIN	4048879788533
Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Ourrent operating per contact max. 4 A  Device protection   Electrical Additional condition protection degree inserted, screwed	Packaging unit	1
Operating voltage DC min.  Deperating voltage DC max.  30 V  Current operating per contact max.  4 A  Device protection   Electrical  Additional condition protection degree inserted, screwed	Electrical data   Supply	
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: 2024-05-18



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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
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
•	Protect the connectors by quitable managers from mechanical leads, a.g. by the users of cable ties
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)
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 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C



Operating temperature min. (dynamic)	-5 °C
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
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter