

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

PVC 5x0.34 gy UL/CSA 2m

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

Further cable lengths on request.

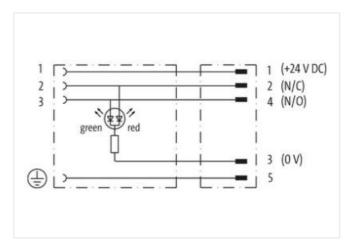
Plastic housings with good resistance against chemicals and oils.

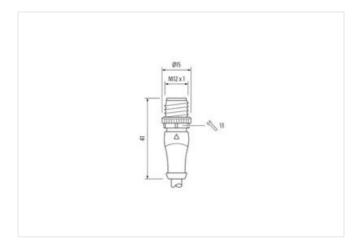
The resistance to aggressive media should be individually tested for your application. Further details on request.

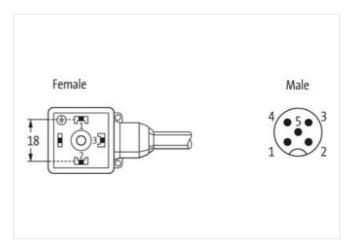
Link to Product

Illustration



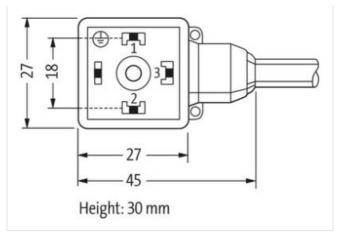








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Product may differ from Image







Fightening torque 0.4 Nm Family construction form MSUD Firead M3 Degree of protection (EN IEC 60529) IP67 Side 2 Fightening torque 0.6 Nm Family construction form M12 Firead 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-1.1 27060312 ECLASS-1.1 27060312 ECLASS-1.2 27060312 ECLASS-1.2 0 27060312 ECLASS-1.2 0 27060312 ECLASS-1.3 0 ECO01855 Sustoms tariff number 8544290 SaTIN 404887915035 Packaging unit 1 Electrical data Supply Degrating voltage DC 24 V Deperating voltage DC max. 30 V Everet Control Electrical Additional condition protection degree inserted, screwed	Cable length	2 m
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SW13	Family construction form	M12
Degree of protection (EN IEC 60529) Per	Thread	M12 x 1
Commercial data	Width across flats	SW13
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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: 2024-06-22



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Mechanical data Material data Method Met	Rated surge voltage	0,8 kV
Methorial housing Mechanical data Mounting data Mounting data Mounting method Inserted, sorewed Environmental characteristics Climatic Operating temperature man. 25 °C Additional condition temperature range Operating on cable quality Important installation notes Note on brain 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 orderigened by necessive bending factors. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 175301-803 (Ventilistecker) Installation Cable Installation Ca	Mechanical data Material data	
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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 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)	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire) Diameter of single wires O,15 mm Conductor crosssection (wire) O,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) 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)	Material properties wire insulation	good machinability
Diameter of single wires O,15 mm Conductor crosssection (wire) O,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) 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)	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,34 mm² 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	Amount strands (wire)	19
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)	Diameter of single wires	0,15 mm
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)	Conductor crosssection (wire)	0,34 mm ²
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	Material conductor wire	Stranded copper wire, bare
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 - acket) 2 kV @ 60 s	Conductor type (wire)	Strand class 5
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 - acket) 2 kV @ 60 s	Nominal voltage AC max.	300 V
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 - acket) 2 kV @ 60 s		to DIN VDE 0298-4
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		4,5 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s		· · · · · · · · · · · · · · · · · · ·
Power frequency withstand voltage (wire - 2 kV @ 60 s jacket)		
· · ·	Power frequency withstand voltage (wire -	
	· · ·	-30 °C



Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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