

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

PVC 3x0.75 ye 2.5m

Form A (18 mm) - M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Bridged PE A-coded

Further cable lengths on request.

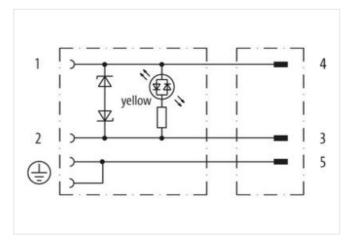
Plastic housings with good resistance against chemicals and oils.

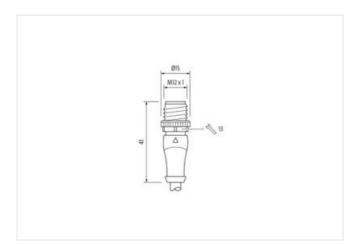
The resistance to aggressive media should be individually tested for your application. Further details on request.

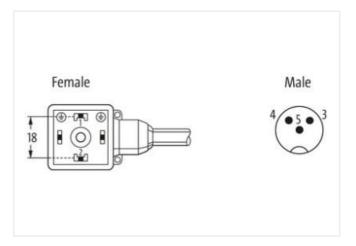
## **Link to Product**

## Illustration



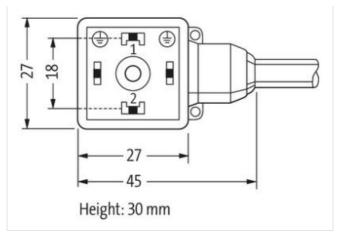








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Product may differ from Image







Cable length	2,5 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M12
Thread	M3
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Material	PBT
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	EC001855
customs tariff number	85444290
GTIN	4048879152990
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V

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: 2024-05-05



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Operating voltage DC	24 V			
Operating voltage DC min.	18 V			
Operating voltage DC max.	30 V			
Cut-off peak voltage max.	55 V			
Current operating per contact max.	4 A			
Current consumption max.	15 mA			
Diagnostics				
Status indication LED	yellow			
Device protection   Electrical				
Additional condition protection degree	inserted, screwed			
Pollution Degree	3			
Rated surge voltage	0.8 kV			
Material group (IEC 60664-1)	I I			
Mechanical data   Material data				
	Nieleled			
Color bousing	Nickeled			
Color housing Material goalest	black PUR			
Material gasket  Material housing				
Material nousing  Locking material	Plastic Zinc die-casting			
	Zillo die-castilig			
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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.			
Installation   Cable				
Cable identification	016			
Cable Type	1			
Printing color of wire insulation	white (isolation black)			
Jacket Color	yellow			
Amount stranding	1			
Stranding	3 wires twisted			
wire arrangement	black 1, black 2, green-yellow			
Cable weigth	63,8 g/m			
Material jacket	PVC			
Shore hardness jacket	80 ± 5 Shore A			
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free			
Outer-diameter (jacket)	5,9 mm			
Tolerance outer diameter (sheath)	±5%			
Material wire insulation	PVC			
Amount wires	3			
Outer diameter insulation	1,8 mm			
Outer diameter tolerance core insulation	±5%			
Shore hardness wire insulation	43 ± 5 Shore D			
Material properties wire insulation	good machinability			
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free			



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Amount strands (wire)	24			
Diameter of single wires	0,2 mm			
Conductor crosssection (wire)	0,75 mm²			
Material conductor wire	Stranded copper wire, bare			
Conductor type (wire)	Strand class 5			
Max. rated voltage (conductor - conductor)	500 V			
Max. rated voltage (conductor - ground)	300 V			
Current load capacity (standard)	to DIN VDE 0298-4			
Current load capacity min. wire	12 A			
Electrical resistance line constant wire	26 Ω/km @ 20 °C			
AC withstand voltage (wire - wire)	3 kV @ 60 s			
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s			
Min. operating temperature (static)	-30 °C			
Max. operating temperature (fixed)	70 °C			
Operating temperature min. (dynamic)	-5 °C			
Operating temperature max. (dynamic)	70 °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			