

## M12 male on top A-cod. / MSUD double valve BI-11mm

PUR 3x0.75 ye UL/CSA 0m

Form BI (11 mm) - M12, connector top entry 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 200 mm

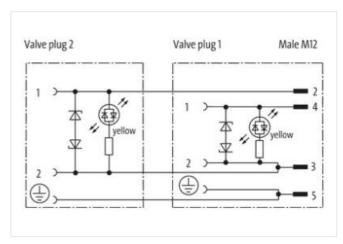
Plastic housings with good resistance against chemicals and oils.

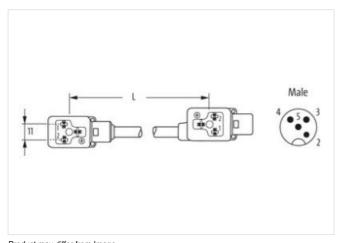
The resistance to aggressive media should be individually tested for your application. Further details on request.

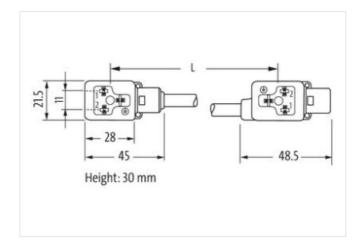
## **Link to Product**

## Illustration









Product may differ from Image



Side 1			
Tightening torque	0,4 Nm		
Thread	M3		
Side 2			



stay connected

Tightening torque	0,4 Nm	
Thread	M3	
Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279218	
ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-9.0	27060312	
ECLASS-10.1	27060312	
ECLASS-11.1	27060312	
ECLASS-12.0	27060312	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879143721	
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	
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.	12 mA	
Diagnostics		
Status indication LED	yellow	
	yollow	
Device protection   Electrical		
Degree of protection (EN IEC 60529)	IP67	
Degree of protection (ISO 20653:2013)	IP66K	
Additional condition protection degree	inserted, screwed	
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		
	Destart the connectors by quitable managers from machinist leads as by the connector of a bit of the	
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	026	
Cable Type	2	
Printing color of wire insulation	white (isolation black)	

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: 2024-05-19

Nominal voltage AC max.

chemical resistance

Gasoline resistance

Bending radius (fixed)

Travel speed (C-track)

Bending radius (dynamic)

Oil resistance

Current load capacity (standard)

Current load capacity min. wire

Electrical resistance line constant wire

Operating temperature min. (dynamic)

Operating temperature max. (dynamic)

Min. operating temperature (static)

Max. operating temperature (fixed)



Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	55 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 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 inner jacket	PVC
Color (inner jacket)	yellow
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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal

300 V

9,6 A

-30 °C

80 °C

-5 °C

80 °C

to DIN VDE 0298-4

26 Ω/km @ 20 °C

DIN EN 60811-404

10 x Outer diameter

15 x Outer diameter

2 Mio. @ 25 °C

Good, application-related testing

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