

## M12 male 90° A-cod. / MSUD valve plug BI-11mm

PVC 3x0.75 gy 0.6m

**MSUD** 

Form BI (11 mm) – M12, male 90° 24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

LED and suppression

Further cable lengths on request.

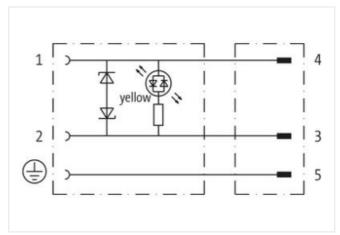
Plastic housings with good resistance against chemicals and oils.

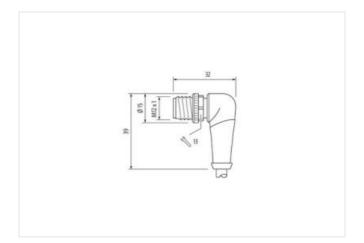
The resistance to aggressive media should be individually tested for your application. Further details on request.

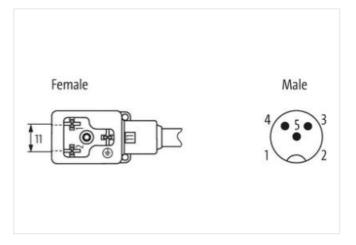
## **Link to Product**

## Illustration











stay connected



Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	MSUD BI
Thread	M3
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
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	4048879148399
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	



stay connected

24 V
19,2 V
28.8 V
24 V
18 V
30 V
55 V
4 A
12 mA
yellow
inserted, screwed
3
0,8 kV
black
Plastic
inserted, screwed
-25 °C
85 °C
depending on cable quality
Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)
216
1
white (isolation black)
gray
1
3 wires twisted
black 1, black 2, green-yellow
63,8 g/m
63,8 g/m PVC
PVC
PVC 80 ± 5 Shore A
PVC
PVC  80 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm
PVC  80 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm  ± 5 %
PVC  80 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm  ± 5 %  PVC
PVC  80 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm  ± 5 %  PVC  3
PVC  80 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm  ± 5 %  PVC  3  1,8 mm
PVC  80 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm  ± 5 %  PVC  3  1,8 mm  ± 5 %
PVC  80 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  5,9 mm  ± 5 %  PVC  3  1,8 mm

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



Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
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	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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