

M12 male 90° A-cod. with cable shielded

PUR 8x0.25 shielded gy UL/CSA+drag ch. 1.5m

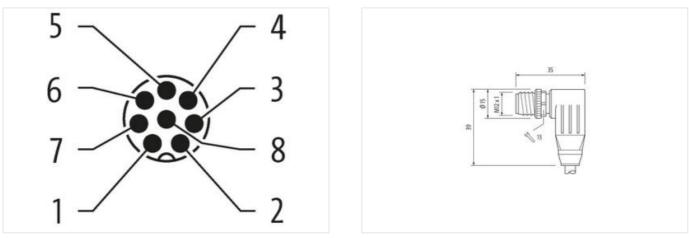
Male 90° M12, 8-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



iì	<u>⊐ BN</u> WH	
11	BU	
11	BK	
	GY	
	PK	
	VT	
	OG	



Product may differ from Image



1,5 m

0,6 Nm

Cable length

Tightening torque

Side 1

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inserted, screwed	
M12	
M12 x 1	
PUR	
SW13	
IP65, IP66K, IP67	
27279218	
27279218	
27279218	
27060311	
27060311	
27060311	
27060311	
EC001855	
85444290	
4048879195898	
1	
30.1/	
30 V 30 V	
30 V	
30 V	
2 A	
M12 x 1	
inserted, screwed	
3	
0,8 kV	
Nislas	
Nickeled	
nickel plated	
Zinc die-casting	
Zinc die-casting	
inserted, screwed, Shaking protection	
-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.	
Attention: 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)	
brown, orange, violet, pink, gray, black, blue, white	

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Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	8 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, orange, violet, pink, gray, black, blue, white
Cable weigth	74,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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