

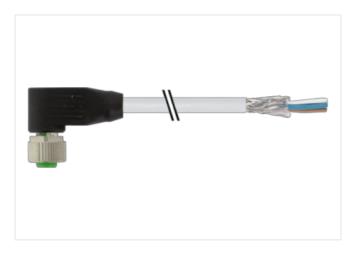
M12 female 90° A-cod. with cable shielded

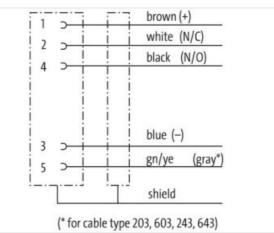
PUR 5x0.34 shielded gy UL/CSA+drag ch. 6m

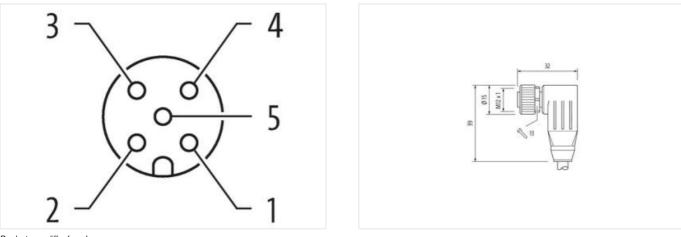
Female 90° M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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6 m

0,6 Nm



gold plated M12 M12 x 1 A Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm gold plated 27279218
M12 x 1 A Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm gold plated 27279218 27279218 27279218 27279218 27279218 27279218 27260311 2706031 270605 270605 270605 270605 270605 27
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85444290 4048879602105
1
60 V
60 V
30 V
30 V
4 A
no
20 mm
M12 x 1
inserted, screwed
3
1,5 kV
without
Nickeled
nickel plated
FKM
Zinc die-casting
Zinc die-casting
60 60 30 30 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

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Mounting method	inserted, screwed, Shaking protection
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	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	243
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, black, blue, white, gray
Traversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	57,2 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)	5.6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 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
5	42
Amount strands (wire) Diameter of single wires	42 0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	0,34 mm² Stranded copper wire, bare
Conductor type (wire)	strand class 6 300 V
Nominal voltage AC max.	
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) Power frequency withstand voltage (wire - acket)	2 kV @ 60 s 2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
	-40 °C
Min. operating temperature (static)	-40 °C 80 °C / 90 °C @ 10000 h Operation
Nov operating temperature (fine -1)	
Max. operating temperature (fixed) Operating temperature min. (dynamic)	-25 °C

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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
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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