

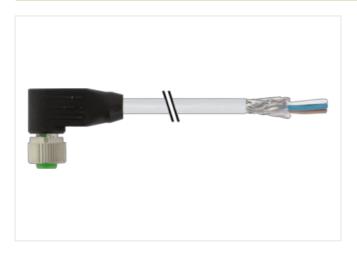
## M12 female 90° A-cod. with cable shielded

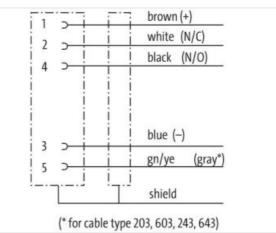
PUR 5x0.34 shielded gy UL/CSA+drag ch. 6m

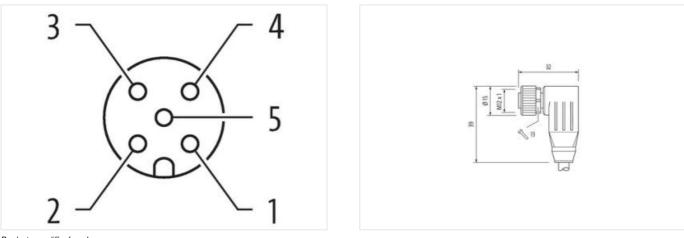
Female 90° M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## 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
A   Copper alloy   PUR   5   SW13   IP65, IP66K, IP67   20 mm   gold plated   27279218   27279218   27279218   27060311   27060311   27060311   27060311   27060315   EC001855   85444290   4048879602105
Copper alloy   PUR   5   SW13   IP65, IP66K, IP67   20 mm   gold plated   27279218   27279218   27279218   27060311   27060311   27060311   27060315   EC001855   85444290   4048879602105
PUR 5 SW13 IP65, IP66K, IP67 20 mm gold plated 27279218 27279218 27279218 27279218 27260311 27060311 27060311 27060311 27060311 27060311 27060311 27060311 27060315
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27060311 EC001855 85444290 4048879602105
EC001855 85444290 4048879602105
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
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
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	stranded copper wire, bare strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V to DIN VDE 0298-4
Current load capacity (standard)	
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 -	2 kV @ 60 s
jacket)	
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

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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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