

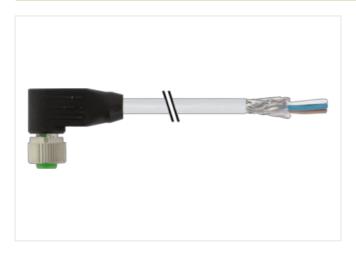
## M12 female 90° A-cod. with cable shielded

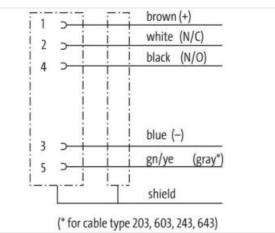
PUR 5x0.34 shielded gy UL/CSA+drag ch. 5m

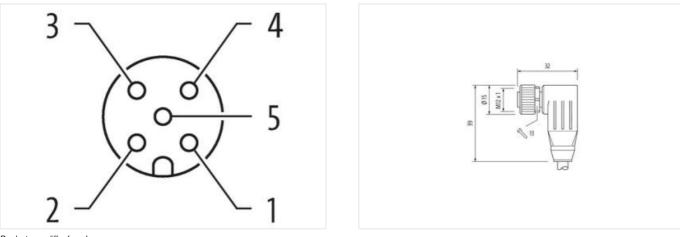
Female 90° M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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5 m

0,6 Nm

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gold plated M12 M12 x 1 A Copper alloy PUR 5 5 SW13 IP65, IP66K, IP67 20 mm gold plated
M12 M12 x 1 A Copper alloy PUR 5 5 SW13 IP65, IP66K, IP67 20 mm
A Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm
Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm
PUR 5 SW13 IP65, IP66K, IP67 20 mm
5 SW13 IP65, IP66K, IP67 20 mm
SW13 IP65, IP66K, IP67 20 mm
IP65, IP66K, IP67 20 mm
20 mm
note hated
gold plated
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
4048879441704
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

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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 Conformity DIN EN 61076-2-101 (M12) Product standard Installation | Cable Cable identification 243 Cable Type 3 Jacket Color arav Type of Certificate cURus Amount stranding 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 No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigth 57,2 g/m PUR Material jacket Shore hardness jacket 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Freedom from ingredients (jacket) 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 42 Amount strands (wire) 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) strand class 6 Traversing distance (C-track) 5 m @ 25 °C | horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 45A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power 2 kV @ 60 s (wire - jacket) AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C 80 °C / 90 °C @ 10000 h Operation Max. operating temperature (fixed) Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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

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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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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