

M12 male 0° A-cod. with cable shielded

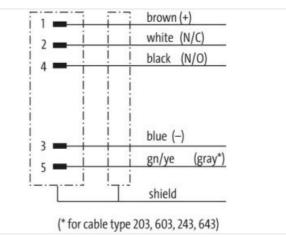
PUR 5x0.34 shielded bk UL/CSA+drag ch. 60m

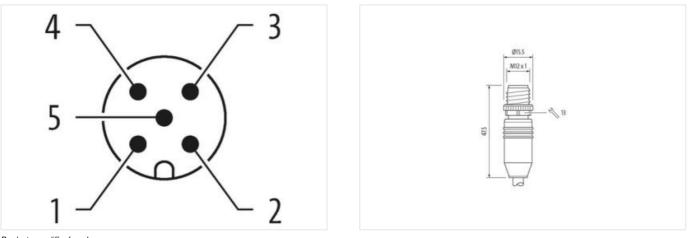
Male straight M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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60 m

0,6 Nm



| M12 M12 x 1 A Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm gold plated |
|--|
| A Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm |
| Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm |
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| 5 SW13 IP65, IP66K, IP67 20 mm |
| SW13 IP65, IP66K, IP67 20 mm |
| IP65, IP66K, IP67 20 mm |
| 20 mm |
| |
| |
| gold plated |
| |
| |
| 27279218 |
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| 27060311 |
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| 27060311 |
| EC001855 |
| 85444290 |
| 4048879732239 |
| 1 |
| |
| 60 V |
| 60 V |
| 30 V |
| 30 V |
| 4 A |
| |
| no |
| |
| 20 mm |
| M12 x 1 |
| |
| inserted, screwed |
| 3 |
| 3 1,5 kV |
| |
| |
| urithe stat |
| without |
| |
| Nickeled |
| nickel plated |
| Zinc die-casting |
| Zinc die-casting |
| |
| inserted, screwed, Shaking protection |
| |
| |



| Operating temperature min. | -25 °C |
|--|---|
| Operating temperature max. | 85 °C |
| additional condition temperature range | depending on cable quality |
| Important installation notes | |
| lote on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| lote 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 | |
| roduct standard | DIN EN 61076-2-101 (M12) |
| Installation Cable | |
| • | 040 |
| Cable identification Cable Type | 643 3 |
| | |
| lacket Color | black |
| ype 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 |
| -iller | yes |
| vire arrangement | brown, black, blue, white, gray |
| raversing distance (C-track) | 5 m @ 25 °C horizontal |
| Cable weigth | 57,2 g/m |
| laterial jacket | PUR |
| shore hardness jacket | 90 ± 5 Shore A |
| reedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Duter-diameter (jacket) | 5,6 mm |
| olerance outer diameter (sheath) | ± 5 % |
| Naterial wire insulation | PP |
| Amount wires | 5 |
| Duter diameter insulation | 1,25 mm |
| Duter diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| ngredient 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 ² |
| Naterial conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| lominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 A |
| lectrical resistance line constant wire | 57 Ω/km @ 20 °C |
| C withstand voltage (wire - wire) | 2 kV @ 60 s |
| Power frequency withstand voltage (wire - acket) | 2 kV @ 60 s |
| C withstand voltage (wire - shield) | 2 kV @ 60 s |
| lin. operating temperature (static) | -40 °C |
| fax. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Derating temperature min. (dynamic) | -25 °C |
| Deperating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| JV resistance | DIN EN ISO 4892-2 A |
| lame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |

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| Gasoline resistance | Good, application-related testing |
|--------------------------|--|
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| 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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