

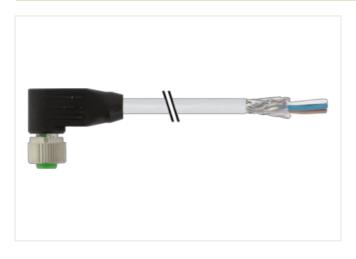
## M12 female 90° A-cod. with cable shielded

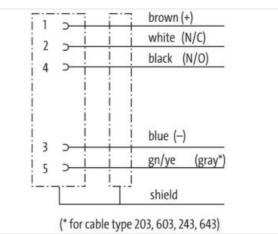
PVC 5x0.34 shielded gy 10m

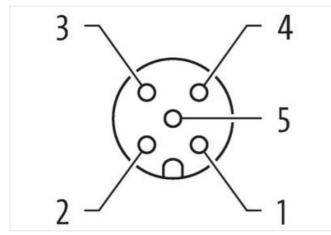
Female 90° M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

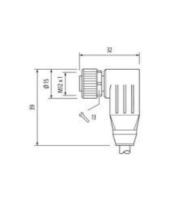
## Link to Product

Illustration









Product may differ from Image



10 m

0,6 Nm

Cable length

Side 1

Tightening torque

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| Mounting method   | inserted, screwed                     |
|---|---------------------------------------|
| Coating contact   | gold plated                           |
| Family construction form  | M12                                   |
| Thread  | M12 x 1                               |
| Coding  | A                                     |
| Material contact  | Copper alloy                          |
| Material  | PUR                                   |
| No. of poles  | 5                                     |
| Width across flats  | SW13                                  |
| Degree of protection (EN IEC 60529)                             | IP65, IP66K, IP67                     |
| Side 2  |                                       |
| Stripping length (jacket)                                       | 20 mm                                 |
| Coating contact   | gold plated                           |
| Commercial data   |                                       |
| ECLASS-6.0  | 27279218                              |
| ECLASS-7.0  | 27279218                              |
| ECLASS-8.0  | 27279218                              |
| ECLASS-9.0  | 27060311                              |
| ECLASS-10.1   | 27060311                              |
| ECLASS-11.1   | 27060311                              |
| ECLASS-12.0   | 27060311                              |
| ETIM-5.0  | EC001855                              |
| customs tariff number   | 85444290                              |
| GTIN  | 4048879198950                         |
| Packaging unit  | 1                                     |
| Electrical data   Supply  |                                       |
|   |                                       |
| Operating voltage AC max.                                       | 60 V                                  |
| Operating voltage DC max.<br>Current operating per contact max. | 60 V<br>4 A                           |
|   | 48                                    |
| Diagnostics   |                                       |
| Status indication LED   | no                                    |
| Installation   Connection                                       |                                       |
| Stripping length (jacket)                                       | 20 mm                                 |
| Mounting set  | M12 x 1                               |
| Device protection   Electrical                                  |                                       |
| Additional condition protection degree                          | inserted, screwed                     |
| Pollution Degree  | 3                                     |
| Rated surge voltage   | 1,5 kV                                |
| Material group (IEC 60664-1)                                    |                                       |
| Mechanical data   |                                       |
| Contour for corrugated hose                                     | without                               |
| Mechanical data   Material data                                 |                                       |
| Coating locking   | Nickeled                              |
| Coating of fitting  | nickel plated                         |
| Material gasket   | FKM                                   |
| Locking material  | Zinc die-casting                      |
| Material screw connection                                       | Zinc die-casting                      |
| Mechanical data   Mounting data                                 |                                       |
|   |                                       |
| Mounting method   | inserted, screwed, Shaking protection |

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| Operating temperature min.                         | -25 °C<br>85 °C   |
|--|---|
| Operating temperature max.                         |   |
| Additional condition temperature range             | depending on cable quality  |
| mportant 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<br>endangered by excessive bending forces. |
| Conformity   |   |
| Product standard                                   | DIN EN 61076-2-101 (M12)  |
| Installation   Cable                               |   |
| Cable identification                               | 348   |
| Jacket Color                                       | gray  |
| Amount stranding                                   | 1   |
| Stranding  | 5 wires around Core filler twisted  |
| Stranding factor min.                              | 75 mm   |
| Stranding factor max.                              | 75 mm   |
| Cable shielding (type)                             | copper braid, tinned  |
| Cable shielding (coverage)                         | 85 %  |
| Banding  | Foil  |
| Filler   | yes   |
| vire arrangement                                   | brown, black, blue, white, green-yellow   |
| Cable weigth                                       | 72,05 g/m   |
| Naterial jacket                                    | PVC   |
| Shore hardness jacket                              | 75 Shore A  |
| reedom from ingredients (jacket)                   | lead-free, cadmium-free, CFC-free   |
| Duter-diameter (jacket)                            | 5,9 mm  |
| olerance outer diameter (sheath)                   | ±5%   |
| Naterial wire insulation                           | PVC   |
| Amount wires                                       | 5   |
| Duter diameter insulation                          | 1,4 mm  |
| Duter diameter tolerance core insulation           | ±5%   |
| Shore hardness wire insulation                     | 85 Shore A  |
| ngredient freeness wire insulation                 | lead-free, CFC-free   |
| Mount strands (wire)                               | 42  |
| Diameter of single wires                           | 0,1 mm  |
| Conductor crosssection (wire)                      | 0,34 mm <sup>2</sup>  |
| Naterial conductor wire                            | Stranded copper wire, bare  |
| Conductor type (wire)                              | strand class 6  |
| Nax. rated voltage (conductor - conductor)         | 500 V   |
| Nax. rated voltage (conductor - ground)            | 300 V   |
| Current load capacity (standard)                   | to DIN VDE 0298-4   |
| Current load capacity min. wire                    | 4,8 A   |
| lectrical resistance line constant wire            | 57 Ω/km @ 20 °C   |
| C withstand voltage (wire - wire)                  | 1,5 kV @ 60 s   |
| ower frequency withstand voltage (wire -<br>acket) | 1,5 kV @ 60 s   |
| C withstand voltage (wire - shield)                | 1,5 kV @ 60 s   |
| lin. operating temperature (static)                | -30 °C  |
| lax. operating temperature (fixed)                 | 80 °C   |
| Operating temperature min. (dynamic)               | -5 °C   |
| Operating temperature max. (dynamic)               | 70 °C   |
| Flame resistance                                   | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2   |
| hemical 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 (dynamic)

15 x Outer diameter

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