

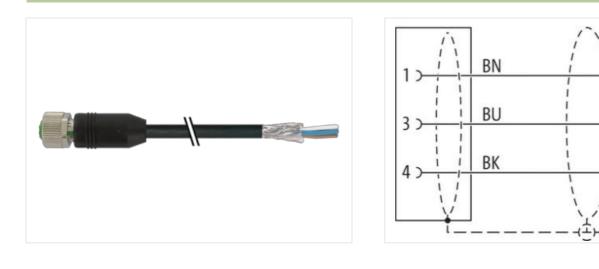
## M12 female 0° A-cod. with cable shielded

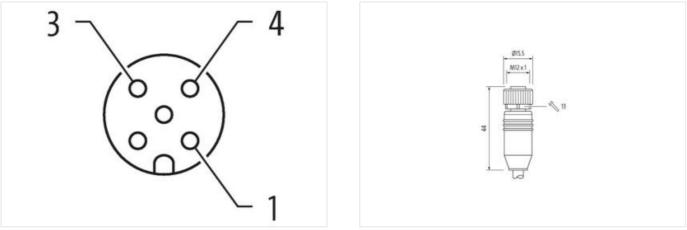
PVC 3x0.34 shielded bk UL/CSA 15m

Female straight M12, 3-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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15 m

0,6 Nm

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| Mounting method                          | inserted, screwed  |
|--|--|
| Family construction form                 | M12  |
| Thread                                   | M12 x 1  |
| Coding                                   | A  |
| Material                                 | PUR  |
| Width across flats                       | SW13   |
| Degree of protection (EN IEC 60529)      | IP65, IP66K, IP67  |
| Commercial data                          |  |
| ECLASS-6.0                               | 27061801   |
| ECLASS-6.1                               | 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   |
| customs tariff number                    | 85444290   |
| GTIN                                     | 4065909002407  |
| Packaging unit                           | 1  |
| Electrical data   Supply                 |  |
| Operating voltage AC max.                | 60 V   |
| Operating voltage DC max.                | 60 V   |
| Operating voltage AC (UL-listed)         | 30 V   |
| Operating voltage DC (UL-listed)         | 30 V   |
| Current operating per contact max.       | 4 A  |
| Installation   Connection                |  |
| 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   Material data          |  |
| ·  | Nederland  |
| Coating locking<br>Coating of fitting    | Nickeled   |
| Locking material                         | nickel plated Zinc die-casting   |
| Material screw connection                | Zinc die-casting   |
|  |  |
| Mechanical data   Mounting data          |  |
| 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                     |  |
|  |  |

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Cable identification 600 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue Cable weigth 52,8 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability lead-free, cadmium-free, CFC-free, silicone-free Ingredient freeness wire insulation Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0.34 mm<sup>2</sup> Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C 2 kV @ 60 s AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -2 kV @ 60 s iacket) AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 | UL 1581 § 1090 | UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 | Good, application-related testing Bending radius (fixed) 10 x Outer diameter

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