

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

PVC 4x0.34 shielded bk UL/CSA 7.5m

Female straight M12, 4-pole shielded

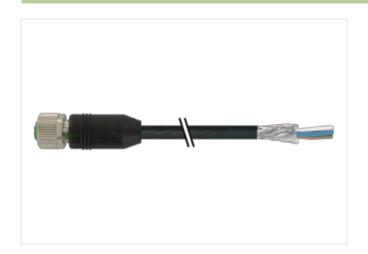
with cable sleeves

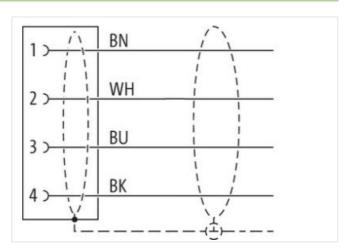
Plastic housings with good resistance against chemicals and oils.

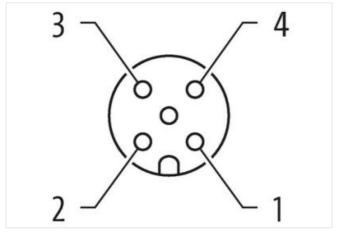
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

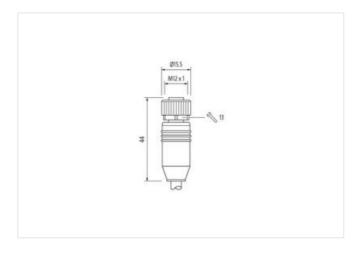
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

7,5 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

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Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding Α 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 4048879902465 Packaging unit 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 Rated surge voltage 1,5 kV Material group (IEC 60664-1) Mechanical data | Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data | Mounting data

| Mounting method   | inserted, screwed, Shaking protection  |
|---|--|
| Environmental characteristics   Climatic  | c  |
| Operating temperature min.  | -25 °C   |
| Operating temperature max.  | 85 °C  |
| Additional condition temperature range  | depending on cable quality   |
| Conformity  |  |
| Product standard  | DIN EN 61076-2-101 (M12)   |
| Installation   Cable  |  |
| Cable identification  | 179  |
| Jacket Color  | green  |
| Type of Certificate   | cURus  |
| Amount stranding  | 2  |
|   |  |
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stay connected

| Stranding   | 2 wires twisted  |
|---|--|
| Amount stranding (type 2)                               | 1  |
| Stranding (type 2)                                      | 2 Stranded joints with Filler twisted                          |
| Banding   | Fleece   |
| Filler  | yes  |
| wire arrangement  | brown, white, red, blue, pink, gray, yellow, green             |
| Cable weigth  | 60,5 g/m   |
| Material jacket   | PVC  |
| Shore hardness jacket                                   | 92 ± 3 Shore A   |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free                              |
| Outer-diameter (jacket)                                 | 6,1 mm   |
| Tolerance outer diameter (sheath)                       | ± 5 %  |
| Material wire insulation                                | PP   |
| Amount wires  | 4  |
| Outer diameter insulation                               | 1,1 mm   |
| Outer diameter tolerance core insulation                | ± 5 %  |
| Shore hardness wire insulation                          | 55 ± 5 Shore D   |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                                   | 7  |
| Diameter of single wires                                | 24 AWG   |
| Conductor crosssection (wire)                           | 24 AWG   |
| Material conductor wire                                 | copper stranded wire, tinned                                   |
| Current load capacity (standard)                        | to DIN VDE 0298-4  |
| Current load capacity min. wire                         | 3,6 A  |
| Characteristic impedance                                | 100 Ω  |
| Electrical resistance line constant wire                | 87 Ω/km @ 20 °C  |
| Nominal voltage power AC max.                           | 300 V  |
| Electric capacitance (power)                            | 49000 pF/km  |
| Power frequency withstand voltage power (wire - jacket) | 0,5 kV @ 60 s  |
| AC withstand voltage power (wire - wire)                | 0,5 kV @ 60 s  |
| Min. operating temperature (static)                     | -40 °C   |
| Max. operating temperature (fixed)                      | 80 °C  |
| Operating temperature min. (dynamic)                    | -5 ℃   |
| Operating temperature max. (dynamic)                    | 70 °C  |
| Flame resistance  | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2            |
| chemical resistance                                     | Good, application-related testing                              |
| Gasoline resistance                                     | Good, application-related testing                              |
| Oil resistance  | Good, application-related testing   DIN EN 60811-404           |
| Bending radius (installation)                           | x Outer diameter   |
| Bending radius (fixed)                                  | 7 x Outer diameter   |
| Bending radius (dynamic)                                | 12 x Outer diameter  |