

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

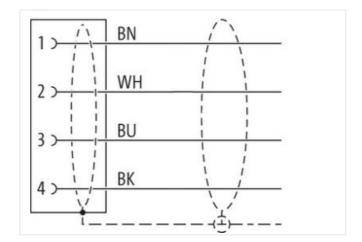
PUR 4x0.34 shielded gy 17m

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

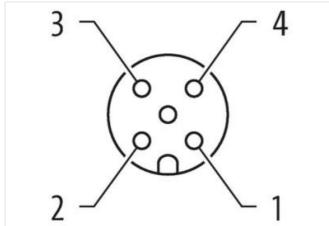
Illustration





N B

3



Product may differ from Image



Cable length

Side 1

17 m

0,6 Nm

Tightening torque

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| M12<br>M12 x 1<br>A<br>PUR<br>SW13<br>IP65, IP66K, IP67<br>27279218 |
|---|
| A<br>PUR<br>SW13<br>IP65, IP66K, IP67<br>27279218                   |
| PUR<br>SW13<br>IP65, IP66K, IP67<br>27279218                        |
| SW13<br>IP65, IP66K, IP67<br>27279218                               |
| IP65, IP66K, IP67<br>27279218                                       |
| 27279218  |
|   |
|   |
| 07070040  |
| 27279218  |
| 27279218  |
| 27279218  |
| 27060311  |
| 27060311  |
| 27060311  |
| 27060311  |
| EC001855  |
| 85444290  |
| 4048879686921   |
| 1   |
|   |
| 60 V  |
| 60 V  |
| 4 A   |
|   |
| M12 x 1   |
|   |
| inserted, screwed   |
| 3   |
| 1,5 kV  |
|   |
|   |
| Nicholand   |
| Nickeled  |
| nickel plated   |
| Zinc die-casting  |
| Zinc die-casting  |
|   |
| inserted, screwed, Shaking protection                               |
|   |
| -25 °C  |
| 85 °C   |
| depending on cable quality  |
|   |
| DIN EN 61076-2-101 (M12)  |
|   |
| 331   |
| gray  |
| 1   |
| 4 wires twisted   |
| Fleece, Foil  |
| brown, black, blue, white   |
|   |

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| No. of bending cycles (C-track)                         | 0,1 Mio. @ 25 °C                                     |
|---|--|
| Material jacket   | PUR  |
| Shore hardness jacket                                   | 85 ± 5 Shore A                                       |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free, silicone-free     |
| Outer-diameter (jacket)                                 | 5,9 mm   |
| Tolerance outer diameter (sheath)                       | ±5%  |
| Material inner jacket                                   | PVC  |
| Color (inner jacket)                                    | gray   |
| Material wire insulation                                | PVC  |
| Amount wires  | 4  |
| Outer diameter insulation                               | 1,4 mm   |
| Outer diameter tolerance core insulation                | ±5%  |
| Shore hardness wire insulation                          | 85 ± 5 Shore A                                       |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, silicone-free     |
| Amount strands (wire)                                   | 42   |
| 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  |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                         | 4,8 A  |
| Electrical resistance line constant wire                | 57 Ω/km @ 20 °C                                      |
| Max. rated voltage power (conductor - ground)           | 300 V  |
| Max. rated voltage power (conductor - conductor)        | 350 V  |
| AC withstand voltage power (wire - shield)              | 1,5 kV @ 60 s  |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s  |
| AC withstand voltage power (wire - wire)                | 2 kV @ 60 s  |
| Min. operating temperature (static)                     | -30 °C   |
| Max. operating temperature (fixed)                      | 2° 08  |
| Operating temperature min. (dynamic)                    | -5 ℃   |
| Operating temperature max. (dynamic)                    | 70 °C  |
| Flame resistance  | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  |
| 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)                                  | 10 x Outer diameter                                  |
| Bending radius (dynamic)                                | 15 x Outer diameter                                  |
| <b>3</b>  |  |

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