

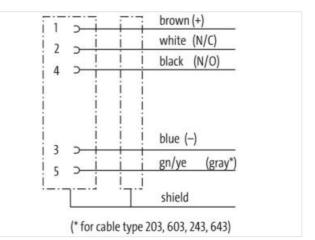
## M12 female recept. A-cod. shielded rear

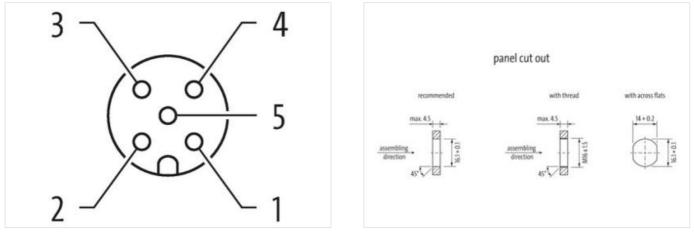
PUR 5x0.34 shielded gy UL/CSA+drag ch. 1m

Flange female M12, 5-pole shielded Rear mounting Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product







Product may differ from Image



| Side 1                |       |
|-----------------------|-------|
|                       |       |
| Tightening torque 0,6 | ,6 Nm |

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| Mounting method   | inserted, screwed    |  |
|---|----------------------|--|
| Coating contact   | gold plated          |  |
| Family construction form  | M12                  |  |
| Thread  | M12 x 1              |  |
| Coding  | Α                    |  |
| Material contact  | Copper alloy         |  |
| Material  | Brass                |  |
| No. of poles  | 5                    |  |
| Degree of protection (EN IEC 60529)                               | IP67                 |  |
| Side 2  |                      |  |
| Stripping length (jacket)   | 20 mm                |  |
| Coating contact   | gold plated          |  |
| Commercial data   |                      |  |
|   | 07070000             |  |
| ECLASS-6.0  | 27279220             |  |
| ECLASS-6.1  | 27279220             |  |
| ECLASS-7.0  | 27440103             |  |
| ECLASS-8.0  | 27440103             |  |
| ECLASS-9.0  | 27440103             |  |
| ECLASS-10.1<br>ECLASS-11.1  | 27440103             |  |
| ECLASS-11.1<br>ECLASS-12.0  | 27440103<br>27440103 |  |
| ECLASS-12.0<br>ETIM-5.0   |                      |  |
| customs tariff number   | EC001855             |  |
| GTIN  | 85444290             |  |
|   | 4048879529310        |  |
| Packaging unit  |                      |  |
| Electrical data   Supply  |                      |  |
| Operating voltage AC max.   | 60 V                 |  |
| Operating voltage DC max.   | 60 V                 |  |
| Current operating per contact max.                                | 4 A                  |  |
| Diagnostics   |                      |  |
| Status indication LED   | no                   |  |
| Installation   Connection   |                      |  |
| Stripping length (jacket)   | 20 mm                |  |
| Mounting set  | M16 x 1.5            |  |
| Width across flats  | SW19                 |  |
| Device protection   Electrical                                    |                      |  |
| •   | 3, 4, 6P             |  |
| Protection NEMA   |                      |  |
| Additional condition protection degree Pollution Degree           | inserted, screwed 3  |  |
|   |                      |  |
| Rated surge voltage<br>Material group (IEC 60664-1)               | 1,5 kV               |  |
|   |                      |  |
| Mechanical data   Material data                                   |                      |  |
| Coating locking   | nickel plated        |  |
| Coating of fitting  | nickel plated        |  |
| Material gasket   | FKM                  |  |
| Locking material  | Brass                |  |
| Material screw connection   | Brass                |  |
| Mechanical data   Mounting data                                   |                      |  |
| Mounting method   | Schraubgewinde       |  |
| Looking techniques  | Schraubgewinde       |  |
| Environmental characteristics   Climatic                          |                      |  |
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| Operating temperature min.                                 | -25 °C   |
|--|--|
| Operating temperature max.                                 | 85 °C  |
| Additional condition temperature range                     | depending on cable quality                                     |
| Approvals  |  |
| UL 50E   | yes  |
| Installation   Cable                                       |  |
| Cable identification                                       | 242  |
| Cable Type   | 3  |
| Jacket Color   | gray   |
| Type of Certificate  | cURus  |
| Amount stranding   | 1  |
| Stranding  | 5 wires around Core filler twisted                             |
| Cable shielding (type)                                     | copper braid, tinned   |
| Cable shielding (coverage)                                 | 80 %   |
| Banding  | Fleece, Foil   |
| Filler   | yes  |
| wire arrangement   | brown, black, blue, white, green-yellow                        |
| No. of bending cycles (C-track)                            | 5 Mio. @ 25 °C   |
| Cable weigth   | 57,2 g/m   |
| Material jacket  | PUR  |
| Shore hardness jacket                                      | 90 ± 5 Shore A   |
| Freedom from ingredients (jacket)                          | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                                    | 5,6 mm   |
| Tolerance outer diameter (sheath)                          | ±5%  |
| Material wire insulation                                   | PP   |
| Amount wires   | 5  |
| Outer diameter insulation                                  | 1.25 mm  |
| Outer diameter tolerance core insulation                   | ±5%  |
| Shore hardness wire insulation                             | 70 ± 5 Shore D   |
| Ingredient 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 <sup>2</sup>   |
| Material conductor wire                                    | Stranded copper wire, bare                                     |
| Conductor type (wire)                                      | strand class 6   |
| Traversing distance (C-track)                              | 5 m @ 25 °C   horizontal                                       |
| Current load capacity (standard)                           | to DIN VDE 0298-4  |
| Current load capacity (standard)                           | 4.5 A  |
| Electrical resistance line constant wire                   | 57 Ω/km @ 20 °C  |
| Nominal voltage power AC max.                              | 300 V  |
| AC withstand voltage power (wire - shield)                 | 2 kV @ 60 s  |
| Power frequency withstand voltage power<br>(wire - jacket) | 2 kV @ 60 s  |
| AC withstand voltage power (wire - wire)                   | 2 kV @ 60 s  |
| Min. operating temperature (static)                        | -40 °C   |
| Max. operating temperature (static)                        | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)                       | -25 °C   |
| Operating temperature max. (dynamic)                       | 80 °C / 90 °C @ 10000 h Operation                              |
| Flame resistance   | IEC 60332-2-2   UL 1581 § 1100 FT2   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 (fixed)                                     | 5 x Outer diameter   |
| Bending radius (dynamic)                                   | 10 x Outer diameter  |
|  |  |

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No. of torsion cycles

2 Mio.

Torsion speed Torsion stress 35 cycles/min ± 30 °/m