

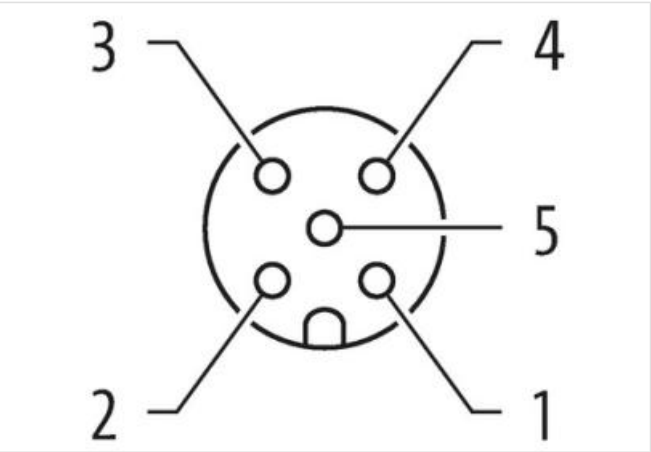
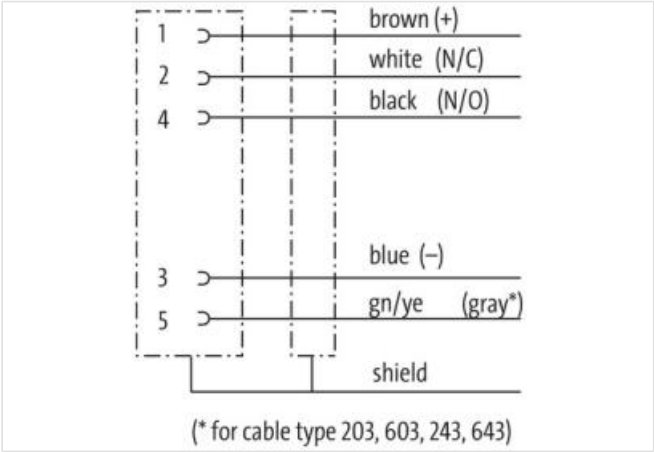
M12 female recept. A-cod. shielded rear

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

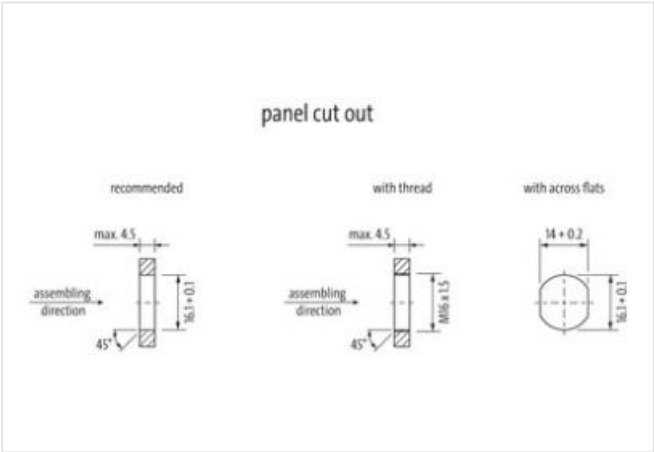
Flange female  
M12, 5-pole  
shielded  
Rear mounting  
Further cable lengths on request.  
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



Product may differ from Image



|                   |        |
|-------------------|--------|
| Cable length      | 1 m    |
| Side 1            |        |
| Tightening torque | 0,6 Nm |

|                                          |                   |
|------------------------------------------|-------------------|
| Mounting method                          | inserted, screwed |
| Coating contact                          | gold plated       |
| Family construction form                 | M12               |
| Thread                                   | M12 x 1           |
| Coding                                   | A                 |
| 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       |
| 取引条件                                     |                   |
| ECLASS-6.0                               | 27279220          |
| ECLASS-6.1                               | 27279220          |
| ECLASS-7.0                               | 27440103          |
| ECLASS-8.0                               | 27440103          |
| ECLASS-9.0                               | 27440103          |
| ECLASS-10.1                              | 27440103          |
| ECLASS-11.1                              | 27440103          |
| ECLASS-12.0                              | 27440103          |
| ETIM-5.0                                 | EC001855          |
| GTIN                                     | 4048879529310     |
| HSコード                                    | 85444290          |
| Packaging unit                           | 1                 |
| 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           |                   |
| Protection NEMA                          | 3, 4, 6P          |
| Additional condition protection degree   | inserted, screwed |
| Pollution Degree                         | 3                 |
| Rated surge voltage                      | 1,5 kV            |
| Material group (IEC 60664-1)             | I                 |
| 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 |                   |

|                                        |                            |
|----------------------------------------|----------------------------|
| 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 weight                                            | 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 mm²                                                       |
| 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 min. wire                         | 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 (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 (fixed)                      | 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         | 35 cycles/min |
| Torsion stress        | $\pm 30$ °/m  |