

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

PUR 4x0.34 shielded gy UL/CSA+drag ch. 0.6m

Flange female

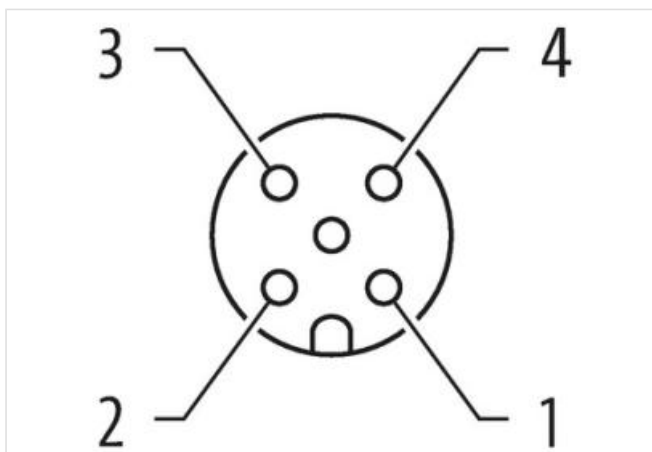
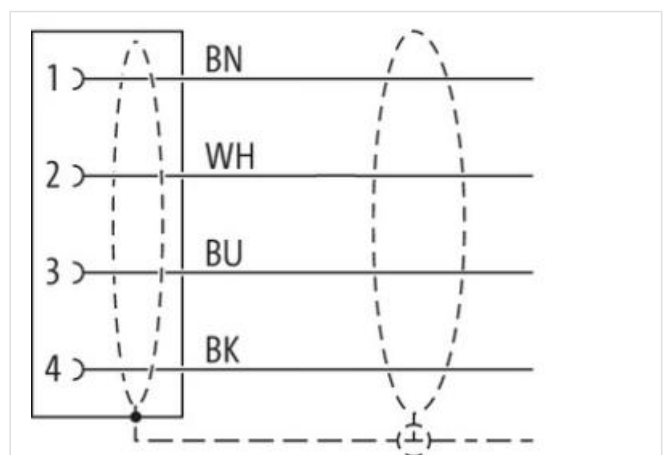
M12, 4-pole

shielded

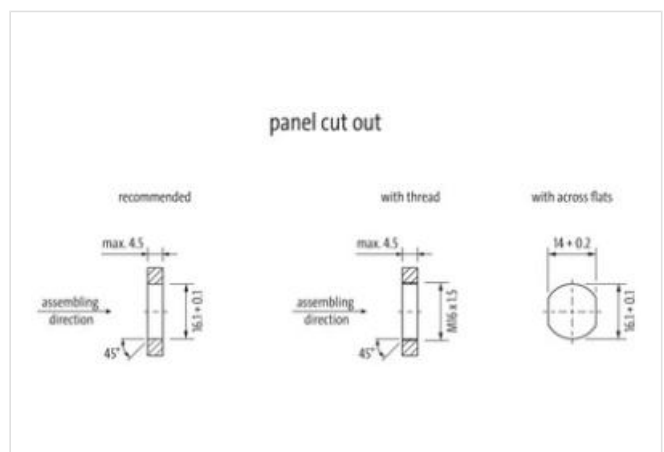
Rear mounting

Further cable lengths on request.

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

[Linkki tuotteeseen](#)**Kuvat**

Tuote voi erota kuvassa olevasta



Cable length 0,6 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                        | 4                 |
| Degree of protection (EN IEC 60529) | IP67              |

Side 2

|                           |             |
|---------------------------|-------------|
| Stripping length (jacket) | 20 mm       |
| Coating contact           | gold plated |

Kaupalliset tiedot

|             |               |
|-------------|---------------|
| 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        | 4048879520898 |
| Pakkauskoko | 1             |
| Tullinumero | 85444290      |

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                                    | 241                                                            |
| Cable Type                                              | 3                                                              |
| Jacket Color                                            | gray                                                           |
| Type of Certificate                                     | cURus                                                          |
| Amount stranding                                        | 1                                                              |
| Stranding                                               | 4 wires twisted                                                |
| Cable shielding (type)                                  | copper braid, tinned                                           |
| Cable shielding (coverage)                              | 80 %                                                           |
| Banding                                                 | Fleece, Foil                                                   |
| wire arrangement                                        | brown, black, blue, white                                      |
| No. of bending cycles (C-track)                         | 5 Mio. @ 25 °C                                                 |
| Cable weight                                            | 50,6 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)                                 | 5,3 mm                                                         |
| Tolerance outer diameter (sheath)                       | ± 5 %                                                          |
| Material wire insulation                                | PP                                                             |
| Amount wires                                            | 4                                                              |
| 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                         | 4,8 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                                        | 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                                          | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (fixed)                                  | 5 x Outer diameter                                             |
| Bending radius (dynamic)                                | 10 x Outer diameter                                            |

|                       |               |
|-----------------------|---------------|
| No. of torsion cycles | 2 Mio.        |
| Torsion speed         | 35 cycles/min |
| Torsion stress        | $\pm 30$ °/m  |