

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

PUR 4x0.34 shielded gy UL/CSA+drag ch. 1m

Flange female

M12, 4-pole

shielded

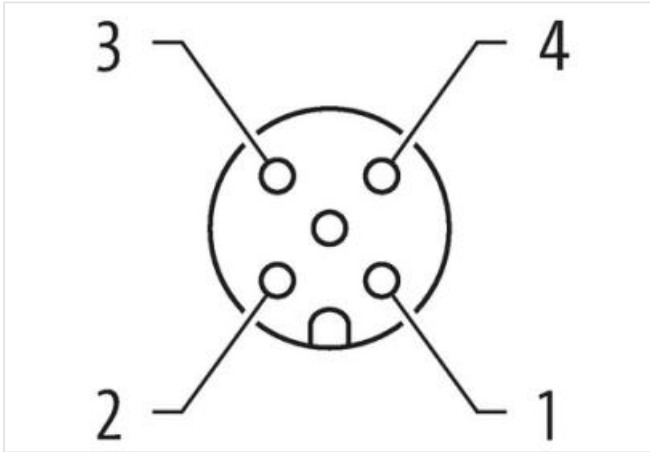
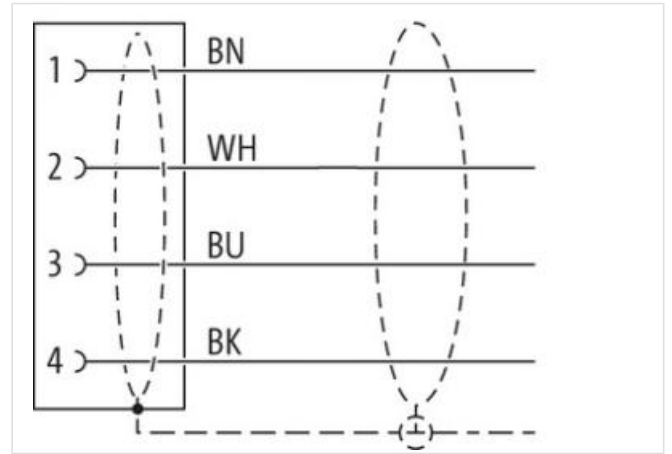
Rear mounting

Further cable lengths on request.

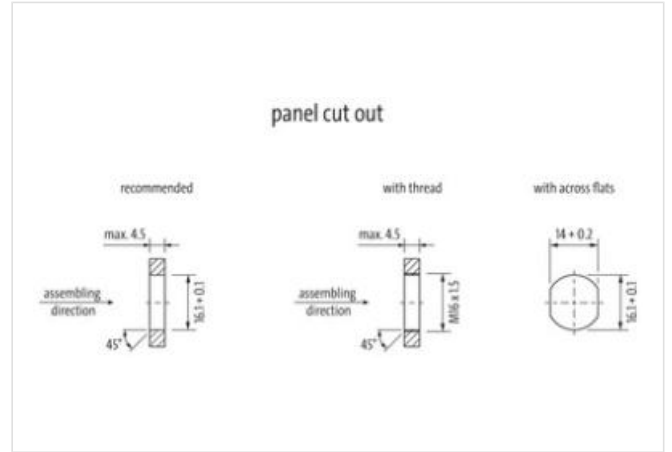
The resistance to aggressive media should be individually tested for your application. Further details on request.

### Ürün Linki

örnekleme



Ürün Image farklı olabilir



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                        | 4                 |
| Degree of protection (EN IEC 60529) | IP67              |

**Side 2**

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

**Ticari bilgiler**

|                         |               |
|-------------------------|---------------|
| 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                    | 4048879520904 |
| Gümrük tarife no (gtip) | 85444290      |
| Paket miktarı           | 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**

Bu veri sayfasındaki bilgiler en büyük özenle hazırlandı.  
Bilgilerin doğruluğu bütünlüğü ve güncelliği konusunda yükümlülük ihmalı sınırlıdır. Sürüm: 2024-06-05

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

**Approvals**

|        |     |
|--------|-----|
| UL 50E | yes |
|--------|-----|

**Installation | Cable**

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| wire arrangement                                  | brown, black, blue, white                                      |
| 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                                      |
| 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                                                 |
| Nominal voltage AC max.                           | 300 V                                                          |
| 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                                                |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                                    |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                                    |
| AC withstand voltage (wire - shield)              | 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 bending cycles (C-track) | 5 Mio. @ 25 °C                                       |
| Traversing distance (C-track)   | 5 m @ 25 °C   horizontal                             |
| Travel speed (C-track)          | 3,3 m/s @ 25 °C                                      |
| No. of torsion cycles           | 2 Mio.                                               |
| Torsion stress                  | ± 30 °/m                                             |
| Torsion speed                   | 35 cycles/min                                        |