

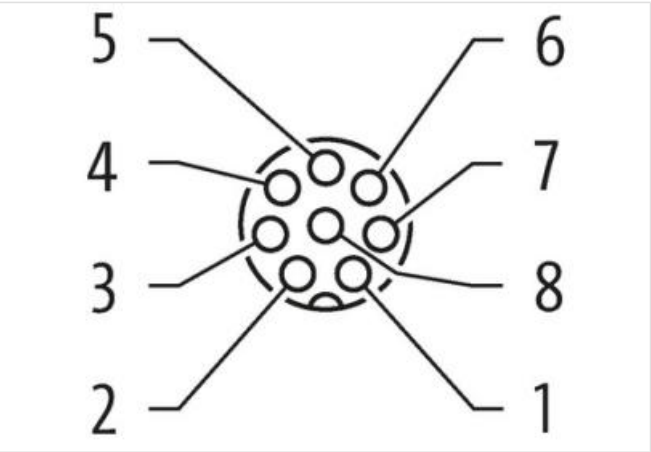
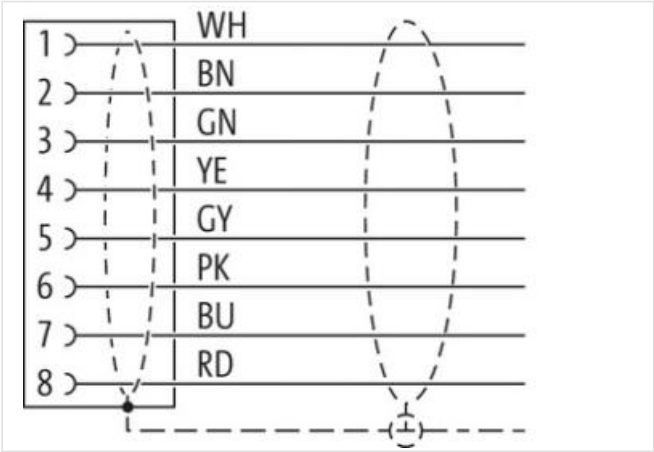
**M12 female recept. A-cod. shielded rear**

PUR 8x0.25 shielded gy UL/CSA+drag ch. 0.3m

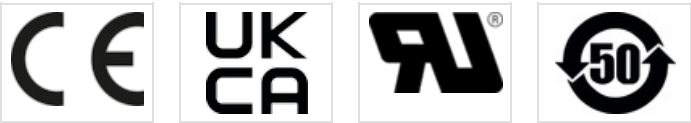
Flange female  
M12, 8-pole  
shielded  
Rear mounting  
Further cable lengths on request.  
The resistance to aggressive media should be individually tested for your application. Further details on request.

**Linkki tuotteeseen**

**Kuvat**



Tuote voi erota kuvassa olevasta



|                 |                   |
|-----------------|-------------------|
| Cable length    | 0,3 m             |
| <b>Side 1</b>   |                   |
| Mounting method | inserted, screwed |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Family construction form                        | M12                                                                                                                                                   |
| Coding                                          | A                                                                                                                                                     |
| Material                                        | Brass                                                                                                                                                 |
| No. of poles                                    | 8                                                                                                                                                     |
| Degree of protection (EN IEC 60529)             | IP67                                                                                                                                                  |
| <b>Kaupalliset tiedot</b>                       |                                                                                                                                                       |
| 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                                            | 4048879519861                                                                                                                                         |
| Pakkauskoko                                     | 1                                                                                                                                                     |
| Tullinumero                                     | 85444290                                                                                                                                              |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 30 V                                                                                                                                                  |
| Operating voltage DC max.                       | 30 V                                                                                                                                                  |
| Current operating per contact max.              | 2 A                                                                                                                                                   |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Mounting set                                    | M16 x 1.5                                                                                                                                             |
| Width across flats                              | SW19                                                                                                                                                  |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Protection NEMA                                 | 3, 4, 6P                                                                                                                                              |
| Additional condition protection degree          | inserted, screwed                                                                                                                                     |
| Pollution Degree                                | 3                                                                                                                                                     |
| Rated surge voltage                             | 0,8 kV                                                                                                                                                |
| Material group (IEC 60664-1)                    | I                                                                                                                                                     |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Coating of fitting                              | nickel plated                                                                                                                                         |
| Material screw connection                       | Brass                                                                                                                                                 |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -25 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| Additional condition temperature range          | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| 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. |
| <b>Conformity</b>                               |                                                                                                                                                       |
| Product standard                                | DIN EN 61076-2-101 (M12)                                                                                                                              |
| <b>Approvals</b>                                |                                                                                                                                                       |
| UL 50E                                          | yes                                                                                                                                                   |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| Cable identification                            | 291                                                                                                                                                   |
| Cable Type                                      | 3                                                                                                                                                     |
| Jacket Color                                    | gray                                                                                                                                                  |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Type of Certificate                               | cURus                                                          |
| Amount stranding                                  | 1                                                              |
| Stranding                                         | 8 wires around Core filler twisted                             |
| Cable shielding (type)                            | copper braid, tinned                                           |
| Cable shielding (coverage)                        | 80 %                                                           |
| Banding                                           | Fleece, Foil                                                   |
| Filler                                            | yes                                                            |
| wire arrangement                                  | brown, white, red, blue, pink, gray, yellow, green             |
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                                       |
| Cable weight                                      | 78,1 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)                           | 7 mm                                                           |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material wire insulation                          | PP                                                             |
| Amount wires                                      | 8                                                              |
| Outer diameter insulation                         | 1,2 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)                             | 32                                                             |
| Diameter of single wires                          | 0,1 mm                                                         |
| Conductor crosssection (wire)                     | 0,25 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                   | 3 A                                                            |
| Electrical resistance line constant wire          | 79 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   IEC 60332-2-2   UL 1581 § 1090            |
| 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                                            |
| Travel speed (C-track)                            | 5 Mio. @ 25 °C                                                 |
| No. of torsion cycles                             | 2 Mio.                                                         |
| Torsion stress                                    | ± 30 °/m                                                       |
| Torsion speed                                     | 35 cycles/min                                                  |