

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

PUR 12x0.25 gy UL/CSA+drag ch. 2m

Flange female

M12, 12-pole

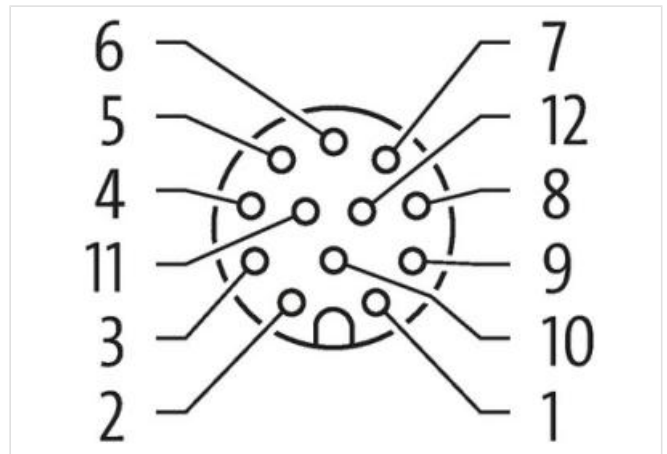
Rear mounting

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 2 m

**Side 1**

|                                     |                   |
|-------------------------------------|-------------------|
| Tightening torque                   | 0,6 Nm            |
| Mounting method                     | inserted, screwed |
| Family construction form            | M12               |
| Thread                              | M12 x 1           |
| Coding                              | A                 |
| Material                            | Brass             |
| No. of poles                        | 12                |
| Degree of protection (EN IEC 60529) | IP67              |

**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                                            | 4048879541275                                                                                                                                         |
| 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.              | 1,5 A                                                                                                                                                 |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <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 locking                                 | nickel plated                                                                                                                                         |
| Coating of fitting                              | nickel plated                                                                                                                                         |
| Locking material                                | Brass                                                                                                                                                 |
| Material screw connection                       | Brass                                                                                                                                                 |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed                                                                                                                                     |
| <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>Approvals</b>                                |                                                                                                                                                       |
| UL 50E                                          | yes                                                                                                                                                   |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| Cable identification                            | 301                                                                                                                                                   |
| Jacket Color                                    | gray                                                                                                                                                  |
| Type of Certificate                             | cURus                                                                                                                                                 |
| Amount stranding                                | 1                                                                                                                                                     |
| Stranding                                       | 3 wires twisted                                                                                                                                       |
| Amount stranding (type 2)                       | 1                                                                                                                                                     |
| Stranding (type 2)                              | 9 wires around Stranding combination twisted                                                                                                          |
| Banding                                         | Fleece                                                                                                                                                |
| wire arrangement                                | gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue                                                                |
| Cable weighth                                   | 69,3 g/m                                                                                                                                              |
| Material jacket                                 | PUR                                                                                                                                                   |
| Shore hardness jacket                           | 85 ± 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                                      | 12                                                             |
| Outer diameter insulation                         | 1,25 mm                                                        |
| Outer diameter tolerance core insulation          | ± 5 %                                                          |
| Shore hardness wire insulation                    | 50 ± 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 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                                       |
| 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          | 76 Ω/km @ 20 °C                                                |
| AC withstand voltage (wire - wire)                | 1,5 kV @ 60 s                                                  |
| Electric capacitance                              | 80000 pF/km                                                    |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s                                                  |
| Min. operating temperature (static)               | -40 °C                                                         |
| Max. operating temperature (fixed)                | 80 °C                                                          |
| Operating temperature min. (dynamic)              | -20 °C                                                         |
| Operating temperature max. (dynamic)              | 80 °C                                                          |
| Flame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2            |
| 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)                            | 10 x Outer diameter                                            |
| Bending radius (dynamic)                          | 15 x Outer diameter                                            |
| Travel speed (C-track)                            | 3 Mio. @ 25 °C                                                 |