

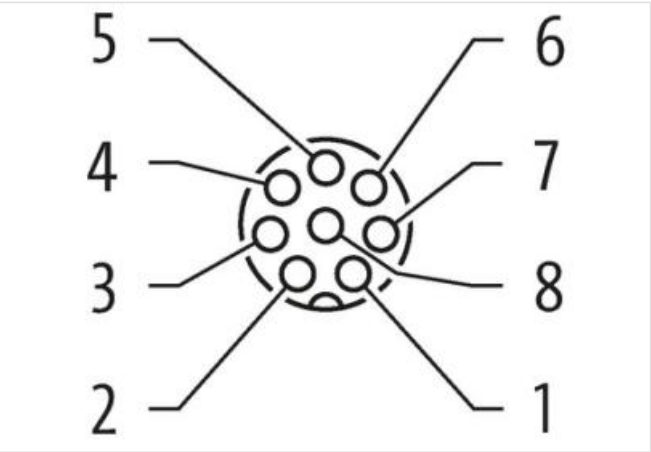
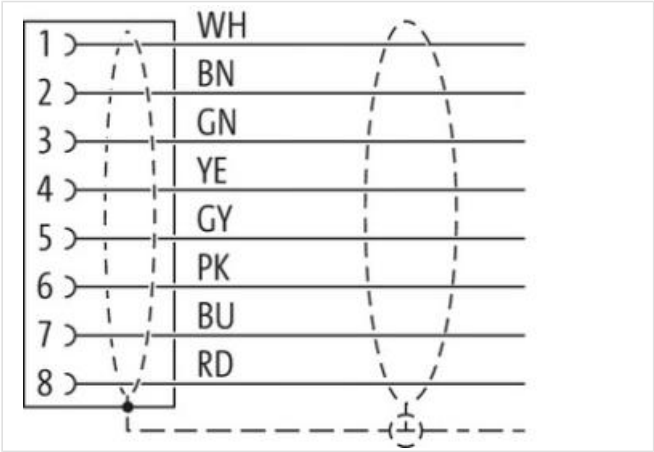
M12 female recept. A-cod. shielded rear

PUR 8x0.25 shielded gy UL/CSA+drag ch. 1m

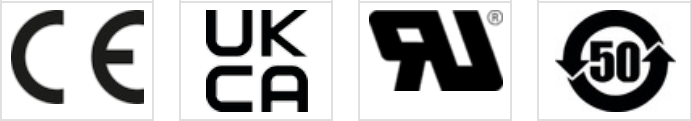
Flange female  
M12, 8-pole  
shielded  
Rear mounting  
Further cable lengths on request.  
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link naar het product

Afbeelding



Product van afwijken van afbeelding



|                 |                   |
|-----------------|-------------------|
| Cable length    | 1 m               |
| Side 1          |                   |
| Mounting method | inserted, screwed |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Family construction form                        | M12                                                                                                                                                   |
| Coding                                          | A                                                                                                                                                     |
| Material                                        | Brass                                                                                                                                                 |
| No. of poles                                    | 8                                                                                                                                                     |
| Degree of protection (EN IEC 60529)             | IP67                                                                                                                                                  |
| <b>Commerciële gegevens</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                                                                                                                                              |
| Douane tarief nummer                            | 85411000                                                                                                                                              |
| GTIN                                            | 4048879519885                                                                                                                                         |
| Verpakkingseenheid                              | 1                                                                                                                                                     |
| <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>                     |                                                                                                                                                       |
| wire arrangement                                | brown, white, red, blue, pink, gray, yellow, green                                                                                                    |
| 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             |
| 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 mm <sup>2</sup>                                           |
| 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                                            |
| 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                                                  |