

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

PVC 5x0.34 shielded bk UL/CSA 2m

Flange female

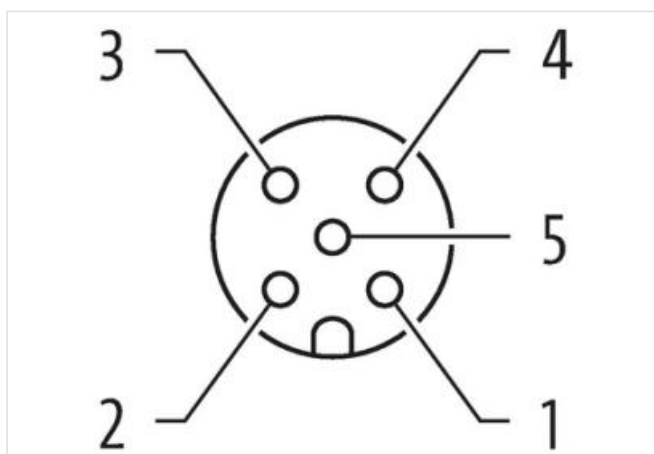
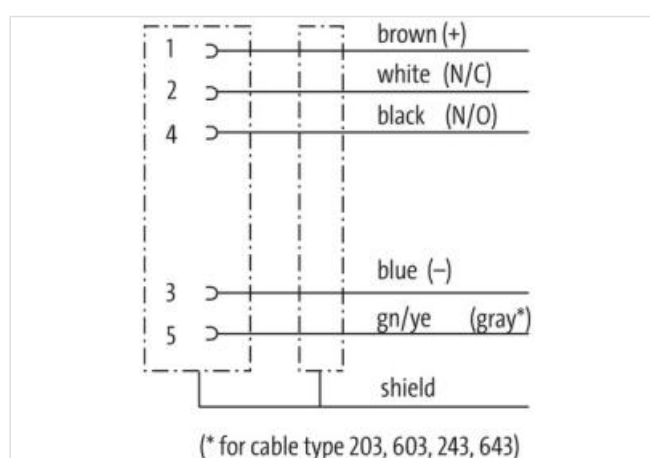
M12, 5-pole

shielded

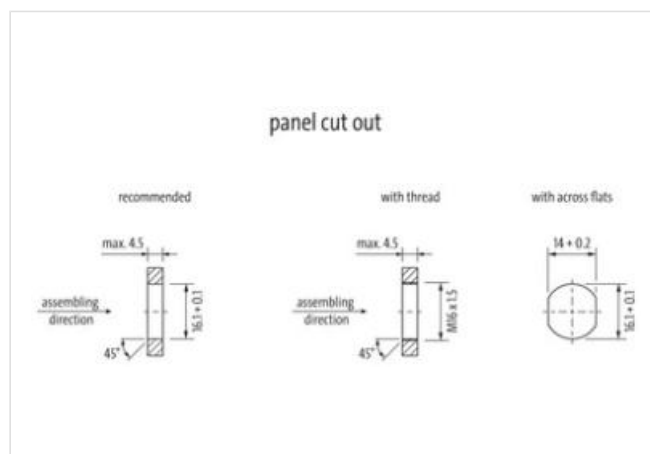
Rear mounting

Further cable lengths on request.

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

[Link til produkt](#)**Illustrasjon**

Produktet kan avvike fra bildet



Cable length 2 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                        | 5                 |
| Degree of protection (EN IEC 60529) | IP67              |

**Side 2**

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

**Handelsinformasjon**

|                  |               |
|------------------|---------------|
| 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             | 4048879826327 |
| Pakkestørrelse   | 1             |
| Tolltariffnummer | 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**

Opplysningene i dette databladet er utarbeidet med størst mulig omhu.  
All informasjon gis uten ansvar for eventuelle feil og mangler. 19.05.2024

|                                        |                            |
|----------------------------------------|----------------------------|
| 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

|                                                   |                                                     |
|---------------------------------------------------|-----------------------------------------------------|
| Cable identification                              | 603                                                 |
| Cable Type                                        | 1                                                   |
| Jacket Color                                      | black                                               |
| Type of Certificate                               | cURus                                               |
| Amount stranding                                  | 1                                                   |
| Stranding                                         | 5 wires around Core filler twisted                  |
| Cable shielding (type)                            | copper braid, tinned                                |
| Cable shielding (coverage)                        | 80 %                                                |
| Banding                                           | Fleece, Foil                                        |
| Filler                                            | yes                                                 |
| wire arrangement                                  | brown, black, blue, white, gray                     |
| Cable weight                                      | 68,2 g/m                                            |
| Material jacket                                   | PVC                                                 |
| Shore hardness jacket                             | 85 ± 5 Shore A                                      |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, silicone-free    |
| Outer-diameter (jacket)                           | 5,6 mm                                              |
| Tolerance outer diameter (sheath)                 | ± 5 %                                               |
| Material wire insulation                          | PVC                                                 |
| Amount wires                                      | 5                                                   |
| Outer diameter insulation                         | 1,25 mm                                             |
| Outer diameter tolerance core insulation          | ± 5 %                                               |
| Shore hardness wire insulation                    | 45 ± 5 Shore D                                      |
| Material properties wire insulation               | good machinability                                  |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, silicone-free    |
| Amount strands (wire)                             | 19                                                  |
| Diameter of single wires                          | 0,15 mm                                             |
| Conductor crosssection (wire)                     | 0,34 mm²                                            |
| Material conductor wire                           | Stranded copper wire, bare                          |
| Conductor type (wire)                             | Strand class 5                                      |
| Nominal voltage AC max.                           | 300 V                                               |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                   |
| Current load capacity min. wire                   | 4,5 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)               | -30 °C                                              |
| Max. operating temperature (fixed)                | 80 °C                                               |
| Operating temperature min. (dynamic)              | -5 °C                                               |
| Operating temperature max. (dynamic)              | 80 °C                                               |
| UV resistance                                     | DIN EN ISO 4892-2 A                                 |
| 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                                  |