

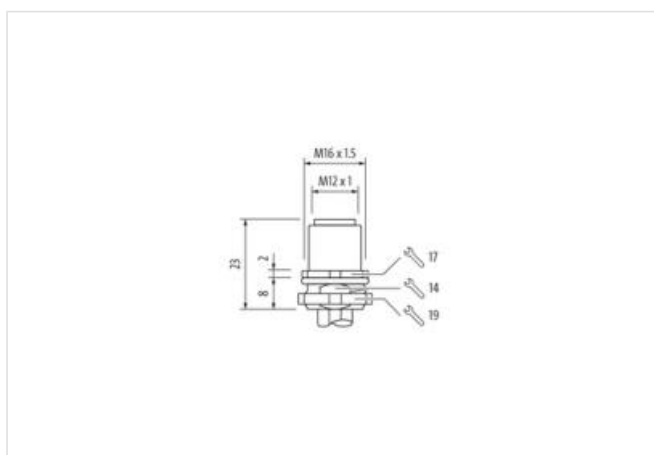
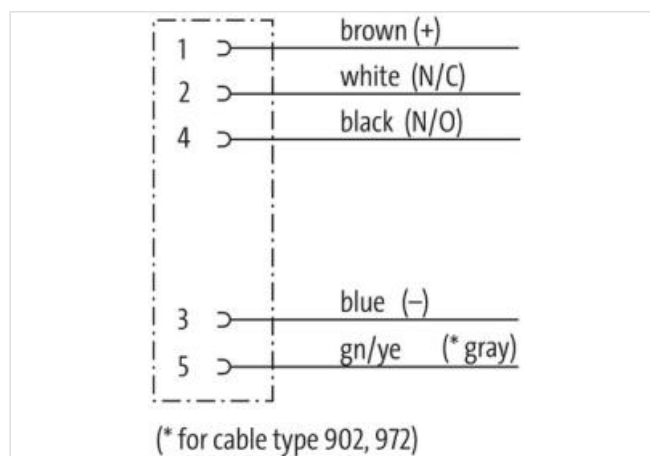
## M12 female recept. A-cod. front

PP-wires 5x0.34 0.5m

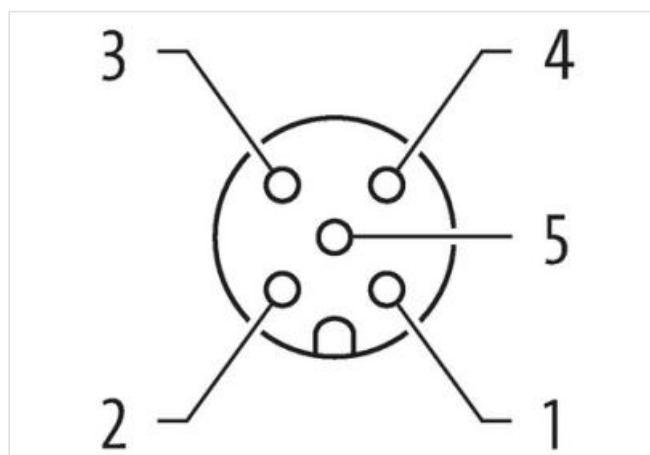
Flange female  
M12, 5-pole  
Front mounting  
with multi-strand wire

### Länk till produkt

#### Illustration



Produkten kan skilja sig från bilden



Cable length 0,5 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                            | Zinc die-casting |
| No. of poles                        | 5                |
| Degree of protection (EN IEC 60529) | IP67             |

#### Side 2

|                 |             |
|-----------------|-------------|
| Coating contact | gold plated |
|-----------------|-------------|

#### Kommersiella uppgifter

|                    |               |
|--------------------|---------------|
| 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      |
| Förpackningsenhet  | 1             |
| GTIN               | 4048879311731 |
| Kundens tullnummer | 85444290      |

#### Electrical data | Supply

|                                    |       |
|------------------------------------|-------|
| Operating voltage AC max.          | 125 V |
| Operating voltage DC max.          | 125 V |
| Current operating per contact max. | 4 A   |

#### Diagnostics

|                       |    |
|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

#### Installation | Connection

|              |           |
|--------------|-----------|
| Mounting set | M16 x 1.5 |
|--------------|-----------|

#### 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 housing           | nickel plated    |
| Coating locking           | vermessingt      |
| Coating of fitting        | nickel plated    |
| Material gasket           | FKM              |
| Locking material          | Zinc die-casting |
| Material screw connection | Zinc die-casting |

#### Mechanical data | Mounting data

|                    |                |
|--------------------|----------------|
| Mounting method    | Schraubgewinde |
| Looking techniques | Schraubgewinde |

#### Environmental characteristics | Climatic

|                                        |                            |
|----------------------------------------|----------------------------|
| 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      **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

#### Conformity

Product standard      DIN EN 61076-2-101 (M12)

#### Approvals

UL 50E      yes

#### Installation | Cable

Cable identification      975

wire arrangement      brown, white, blue, black, green-yellow

Material wire insulation      PUR

Amount wires      5

Outer diameter insulation      1,3 mm

Outer diameter tolerance core insulation       $\pm 5 \%$

Conductor crosssection (wire)      0,34 mm<sup>2</sup>

Material conductor wire      copper stranded wire, tinned

Nominal voltage AC max.      300 V

Electrical resistance line constant wire      58  $\Omega$ /km @ 20 °C

AC withstand voltage (wire - wire)      1,5 kV

Power frequency withstand voltage (wire - jacket)      1,5 kV

Min. operating temperature (static)      -40 °C

Max. operating temperature (fixed)      90 °C

Operating temperature min. (dynamic)      -25 °C

Operating temperature max. (dynamic)      90 °C

Flame resistance      IEC 60332-2-2 | UL 1581 § 1100 FT2 | 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