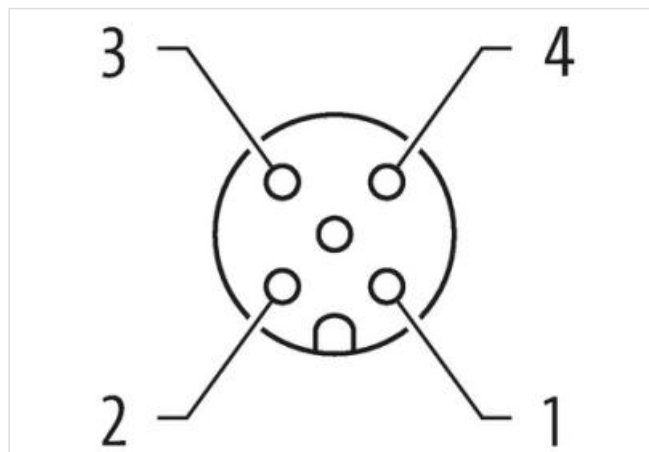
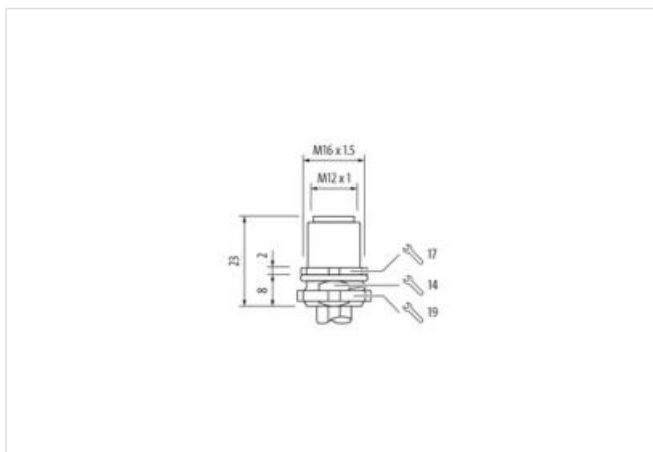


**M12 female recept. A-cod. front**

PP-wires 4x0.34 1m

Flange female  
M12, 4-pole  
Front mounting  
with multi-strand wire

[Link to Product](#)**Illustration**



Product may differ from Image



|                                     |                    |
|-------------------------------------|--------------------|
| Cable length                        | 1 m                |
| Side 1                              |                    |
| Tightening torque                   | 0,6 Nm             |
| Mounting method                     | inserted, screwing |
| 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                        | 4                  |
| Degree of protection (EN IEC 60529) | IP67               |
| Side 2                              |                    |
| Coating contact                     | gold plated        |
| Commercial data                     |                    |
| 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           |
| customs tariff number               | 85444290           |
| GTIN                                | 4048879198691      |
| Packaging unit                      | 1                  |
| Electrical data   Supply            |                    |
| Operating voltage AC max.           | 250 V              |
| Operating voltage DC max.           | 250 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 2,5 kV  
 Material group (IEC 60664-1) I

#### Mechanical data

Contour for corrugated hose without

#### 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 971  
 Material wire insulation PUR  
 Amount wires 4  
 Outer diameter insulation 1,3 mm  
 Outer diameter tolerance core insulation  $\pm 5\%$   
 Conductor crosssection (wire) 0,34 mm<sup>2</sup>  
 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 UL 1581 § 1100 FT2 | UL 1581 § 1090 | IEC 60332-2-2  
 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