

## M12 female recept. A-cod. front incl. nut

PP-wires 4x0.34 1m

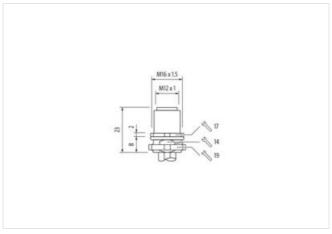
Flange female M12, 4-pole Front mounting with multi-strand wire Halogen-free-Material

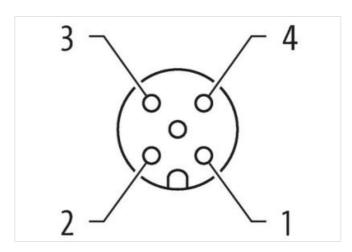
## **Link to Product**

## Illustration









Product may differ from Image



| Cable length      | 1 m               |  |
|-------------------|-------------------|--|
| Side 1            |                   |  |
| Tightening torque | 0,6 Nm            |  |
| Mounting method   | inserted, screwed |  |



stay connected

| Coating contact                          | cold plated       |
|--|-------------------|
| Coating contact                          | gold plated M12   |
| Family construction form                 |                   |
| Thread Coding                            | M12 x 1           |
|  | A Constrails:     |
| 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                                     | 4048879494199     |
| 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         |
| Width across flats                       | SW19              |
| 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                          | Nickeled          |
| 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                   | <b>Attention:</b> 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 | ±5%   |
| Conductor crosssection (wire)            | 0,34 mm²  |
| 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  |