

## M8 female recept. A-cod. front

PP-wires 3x0.25 0.5m

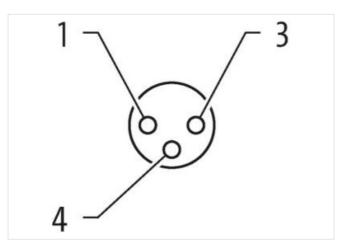
Flange female M8, 3-pole Front mounting with multi-strand wire

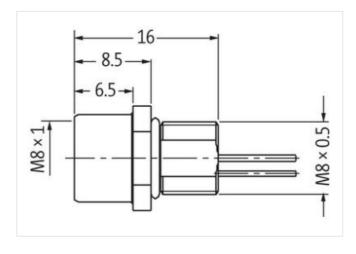
## **Link to Product**

## Illustration









Product may differ from Image



| Cable length             | 0,5 m             |
|--------------------------|-------------------|
| Side 1                   |                   |
| Tightening torque        | 0,4 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M8                |



stay connected

| Thread  | M8 x 1  |
|---|---|
| Material                                      | Brass   |
| Degree of protection (EN IEC 60529)           | IP67  |
| Commercial data                               |   |
|   | 07070000  |
| ECLASS-6.0<br>ECLASS-6.1                      | 27279220  |
| ECLASS-6.1                                    | 27279220  |
| ECLASS-7.0<br>ECLASS-8.0                      | 27440103<br>27440103  |
| ECLASS-9.0                                    | 27440103  |
| ECLASS-9.0<br>ECLASS-10.1                     | 27440103  |
| ECLASS-10.1                                   | 27440103  |
| ECLASS-11.1<br>ECLASS-12.0                    | 27440103  |
| ETIM-5.0                                      | EC001855  |
| customs tariff number                         | 85444290  |
| GTIN  | 4048879407601   |
| Packaging unit                                | 1   |
|   | ·   |
| Electrical data   Supply                      |   |
| Operating voltage AC max.                     | 50 V  |
| Operating voltage DC max.                     | 60 V  |
| Current operating per contact max.            | 4 A   |
| Installation   Connection                     |   |
| Mounting set                                  | M8 x 1  |
| 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                               | 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      |   |
| Operating temperature min.                    | -25 °C  |
| Operating temperature max.                    | 85 °C   |
| Additional condition temperature range        | depending on cable quality  |
| Important installation notes                  |   |
|   | Protect the connectors by quitable managers from manhanical leads, a.g. by the upage of cable tion  |
| Note on strain relief  Note on bending radius | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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 61076-2-114 (M8)   |
|   | DIT ET 010/0°2°117 (INIU)   |
| Approvals                                     |   |
| UL 50E  | yes   |
| Installation   Cable                          |   |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



| wire arrangement                         | brown, black, blue                                   |
|--|--|
| Cable identification                     | 970  |
| wire arrangement                         | brown, black, blue                                   |
| Material wire insulation                 | PP   |
| Amount wires                             | 3  |
| Outer diameter insulation                | 1,1 mm   |
| Outer diameter tolerance core insulation | ±5%  |
| Conductor crosssection (wire)            | 0,25 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 § 1090   UL 1581 § 1100 FT2   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                                   |