

**M12 female recept. A-cod. front F&B**

PUR-wires 4x0.34 0.2m

Art.No.: 7014-13541-9710020

Weight: 0.019

Country of origin: DE

Model designation: MSBFV-T971\_0.2-S14

F&amp;B

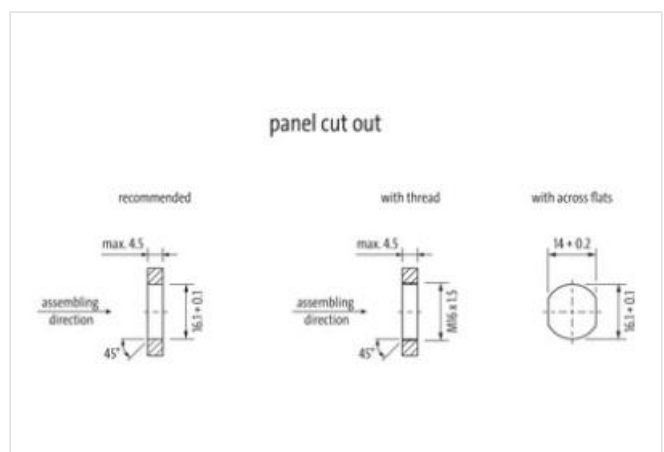
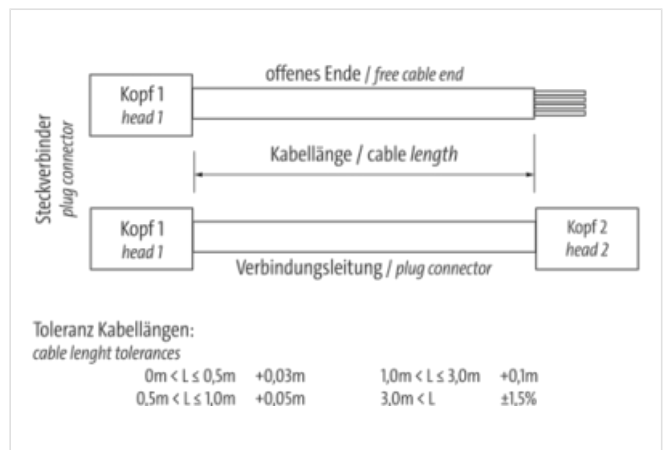
Flange female

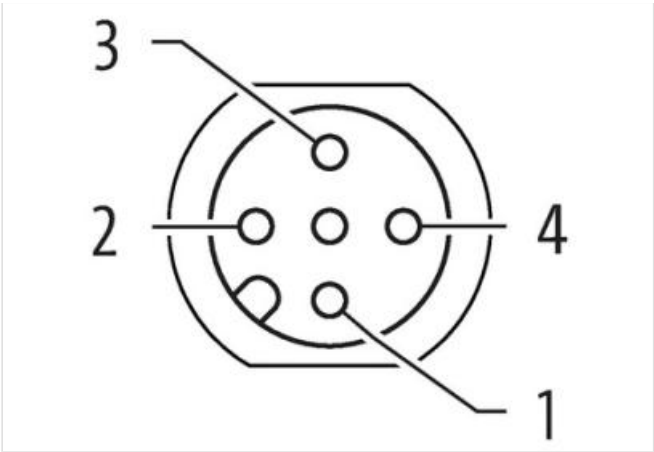
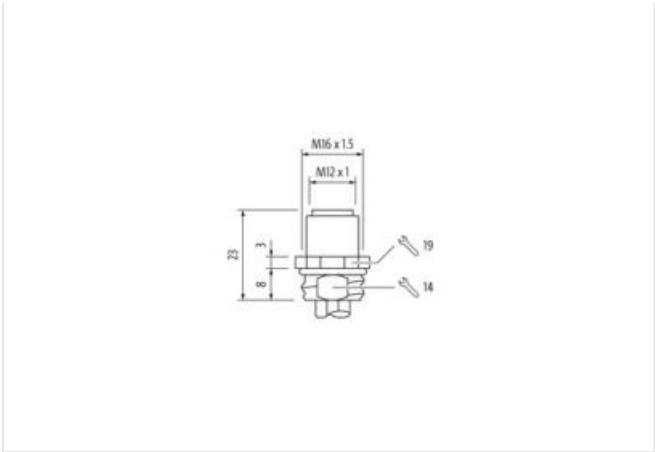
M12, 4-pole

Front mounting

with multi-strand wire

Stainless steel 1.4404 (V4A)

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



Product may differ from Image



|                                     |                   |
|-------------------------------------|-------------------|
| Cable length                        | 0,2 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      |
| No. of poles                        | 4                 |
| Width across flats                  | SW14              |
| Degree of protection (EN IEC 60529) | IP67, IP69K       |
| Commercial data                     |                   |
| ECLASS-6.0                          | 27279218          |
| 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          |
| ETIM-6.0                            | EC001855          |
| ETIM-7.0                            | EC001855          |
| ETIM-8.0                            | EC001855          |
| customs tariff number               | 85444290          |
| customs tariff number               | 85444290          |
| EAN                                 | 4048879363655     |
| EAN                                 | 4048879363655     |
| Packaging unit                      | 1                 |
| 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                                                                                                                                                   |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Mounting set                                    | M16 x 1.5                                                                                                                                             |
| Width across flats                              | SW19                                                                                                                                                  |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Degree of protection (EN IEC 60529)             | IP67, IP69K                                                                                                                                           |
| Protection NEMA                                 | 3, 4, 6P                                                                                                                                              |
| Additional condition protection degree          | screwed, mounted                                                                                                                                      |
| Pollution Degree                                | 3                                                                                                                                                     |
| Rated surge voltage                             | 2,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)                    | I                                                                                                                                                     |
| <b>Mechanical data</b>                          |                                                                                                                                                       |
| Contour for corrugated hose                     | without                                                                                                                                               |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Material housing                                | Stainless steel 1.4404 (V4A)                                                                                                                          |
| Material gasket                                 | EPDM                                                                                                                                                  |
| Locking material                                | Stainless steel 1.4404 (V4A)                                                                                                                          |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed, Shaking protection                                                                                                                 |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -25 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| Additional condition temperature range          | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| 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. |
| <b>Conformity</b>                               |                                                                                                                                                       |
| Product standard                                | DIN EN 61076-2-101 (M12)                                                                                                                              |
| <b>Approvals</b>                                |                                                                                                                                                       |
| UL 50E                                          | yes                                                                                                                                                   |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| 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