

**M12 Power female recept. T-cod. front**

PUR-wires 4x1.5 0.2m

Power

Flange female

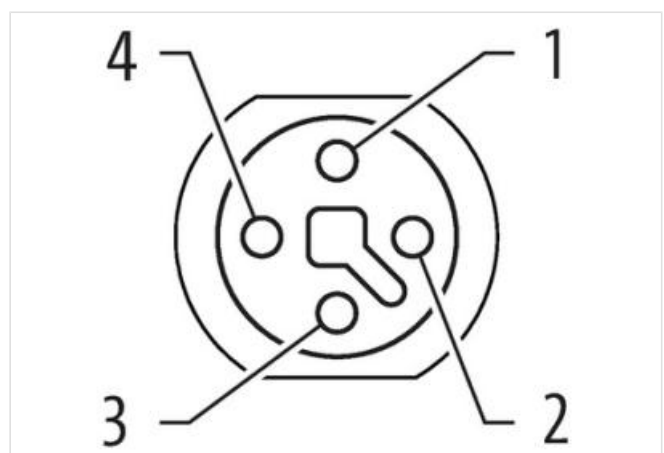
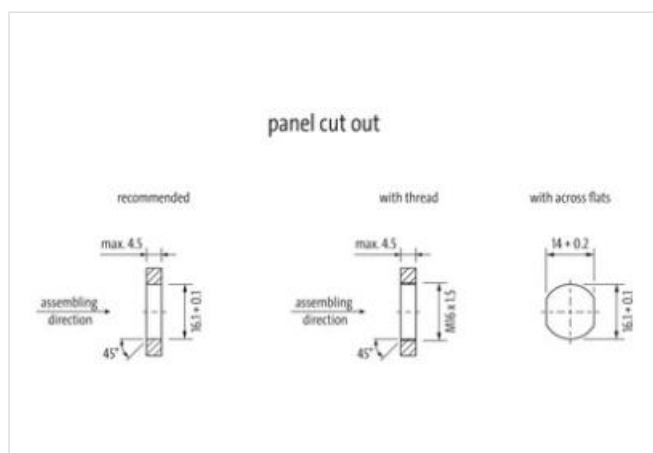
M12, 4-pole

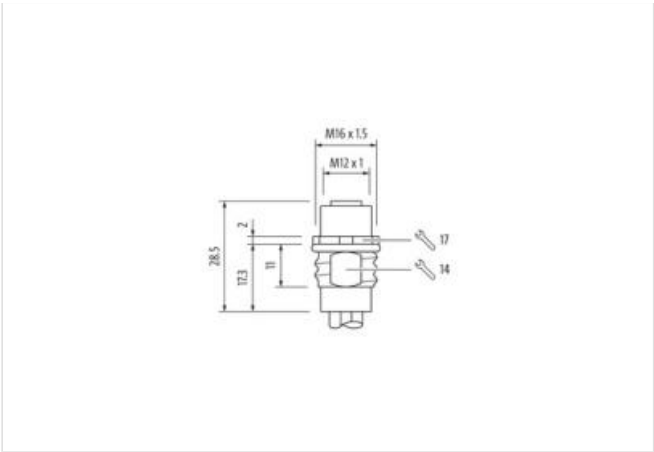
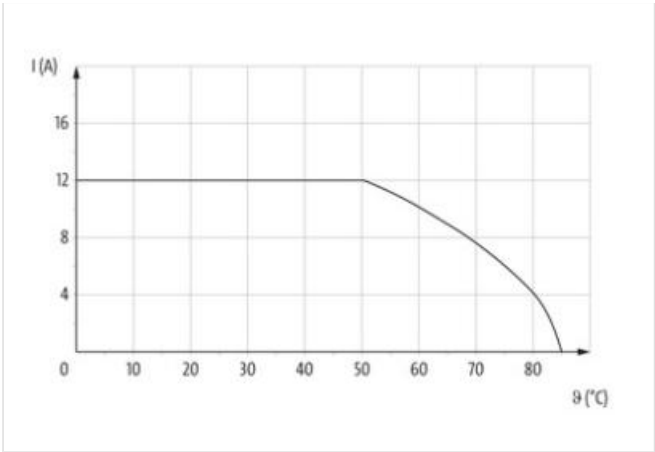
T-coded

Front mounting

with multi-strand wire

The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

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



Product may differ from Image



|  |                  |
|--|------------------|
| Cable length                           | 0,2 m            |
| Side 1                                 |                  |
| Tightening torque                      | 0,6 Nm           |
| Family construction form               | M12P             |
| Thread                                 | M12 x 1          |
| Coding                                 | T                |
| No. of poles                           | 4                |
| Degree of protection (EN IEC 60529)    | IP65, IP67       |
| 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                               | EC002061         |
| customs tariff number                  | 85444290         |
| GTIN                                   | 4048879907255    |
| Packaging unit                         | 1                |
| Electrical data   Supply               |                  |
| Operating voltage DC max.              | 63 V             |
| Current operating per contact max.     | 12 A             |
| Diagnostics                            |                  |
| Status indication LED                  | no               |
| Installation   Connection              |                  |
| Mounting set                           | M16 x 1.5        |
| Width across flats                     | SW17             |
| Device protection   Electrical         |                  |
| Additional condition protection degree | screwed, mounted |

|   |   |
|---|---|
| Pollution Degree                                | 3   |
| Rated surge voltage                             | 1,5 kV  |
| Material group (IEC 60664-1)                    | I   |
| <b>Mechanical data</b>                          |   |
| Contour for corrugated hose                     | without   |
| <b>Mechanical data   Material data</b>          |   |
| Coating housing                                 | nickel plated   |
| Coating locking                                 | nickel plated   |
| Material housing                                | Brass   |
| Locking material                                | Brass   |
| <b>Mechanical data   Mounting data</b>          |   |
| Mounting method                                 | inserted, screwed   |
| <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                                | IEC 61076-2-111   |
| <b>Resistances   Cable</b>                      |   |
| Cable identification                            | 944   |
| wire arrangement                                | brown, black, blue, white   |
| Material wire insulation                        | PUR   |
| Amount wires                                    | 4   |
| Outer diameter insulation                       | 2,4 mm  |
| Outer diameter tolerance core insulation        | ± 5 %   |
| Amount strands (wire)                           | 30  |
| Diameter of single wires                        | 0,25 mm   |
| Conductor crossection (wire)                    | 1,5 mm <sup>2</sup>   |
| Material conductor wire                         | copper stranded wire, tinned  |
| Conductor type (wire)                           | Strand class 5  |
| 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   IEC 60332-2-2   UL 1581 § 1090   |
| chemical resistance                             | Good, application-related testing   |
| Gasoline resistance                             | Good, application-related testing   |
| Oil resistance                                  | Good, application-related testing   DIN EN 60811-404  |