

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

PUR-wires 4x1.5 0.2m

Power

Flange female

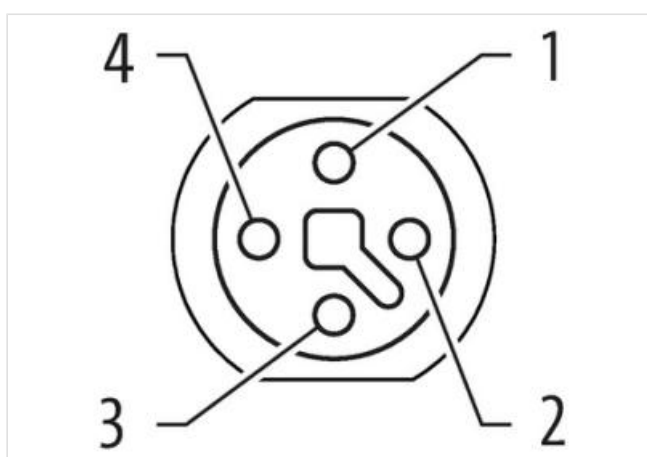
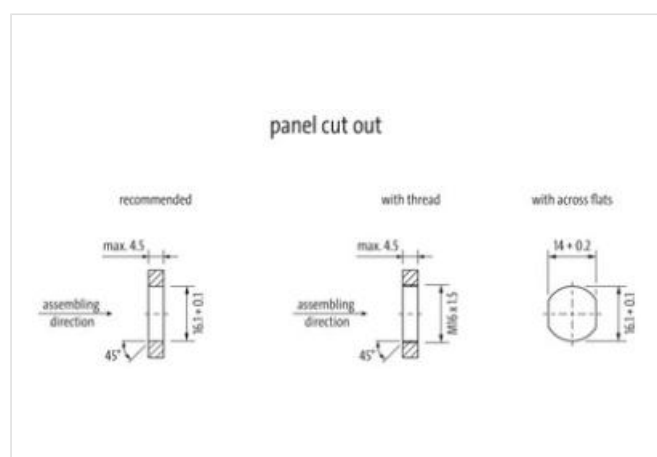
M12, 4-pole

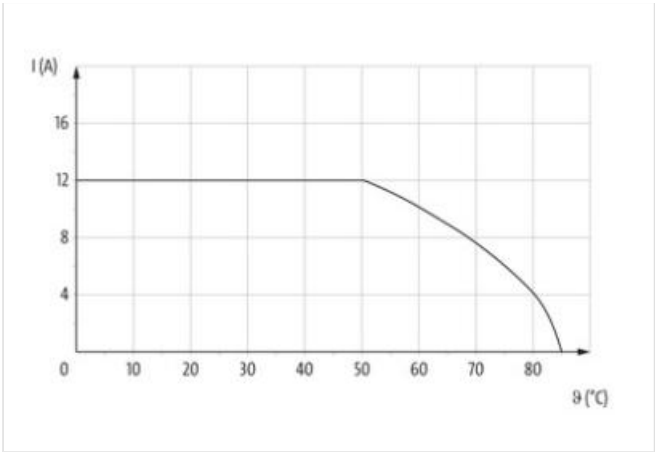
T-coded

Front mounting

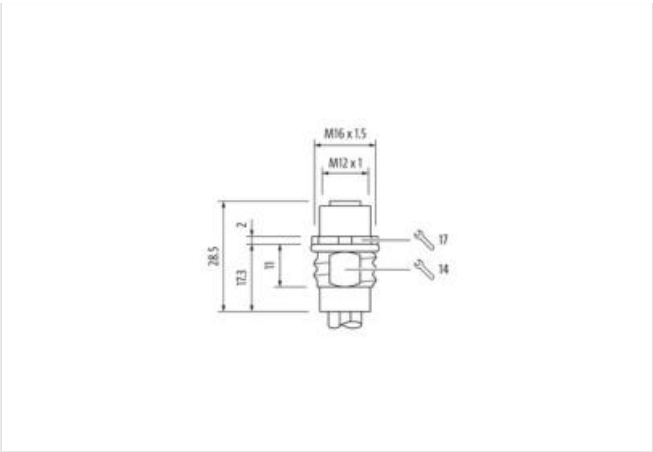
with multi-strand wire

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       |
| 取引条件                                   |                  |
| 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         |
| GTIN                                   | 4048879907255    |
| HSコード                                  | 85444290         |
| 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                                                                                                                                                     |
| Mechanical data                          |                                                                                                                                                       |
| Contour for corrugated hose              | without                                                                                                                                               |
| Mechanical data   Material data          |                                                                                                                                                       |
| Coating housing                          | nickel plated                                                                                                                                         |
| Coating locking                          | nickel plated                                                                                                                                         |
| Material housing                         | Brass                                                                                                                                                 |
| Locking material                         | Brass                                                                                                                                                 |
| Mechanical data   Mounting data          |                                                                                                                                                       |
| Mounting method                          | inserted, screwed                                                                                                                                     |
| 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                         | IEC 61076-2-111                                                                                                                                       |
| Resistances   Cable                      |                                                                                                                                                       |
| 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 mm²                                                                                                                                               |
| 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                                                                                                  |