

**M12 Power male recept. K-cod. front**

PUR-wires 0.25 0.5m

Power

Flange male

M12, 5-pole

K-coded

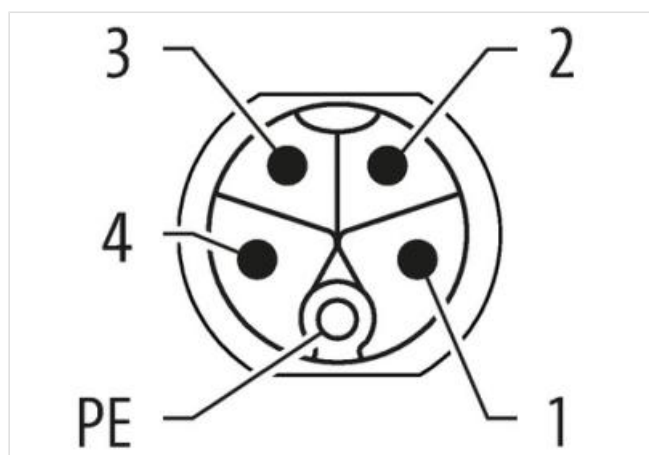
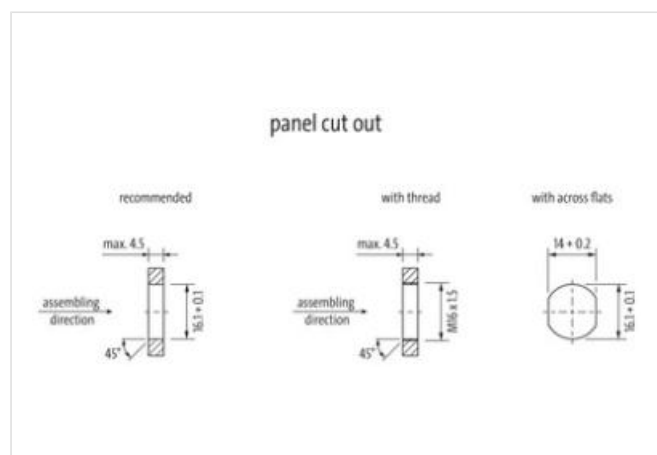
Front mounting

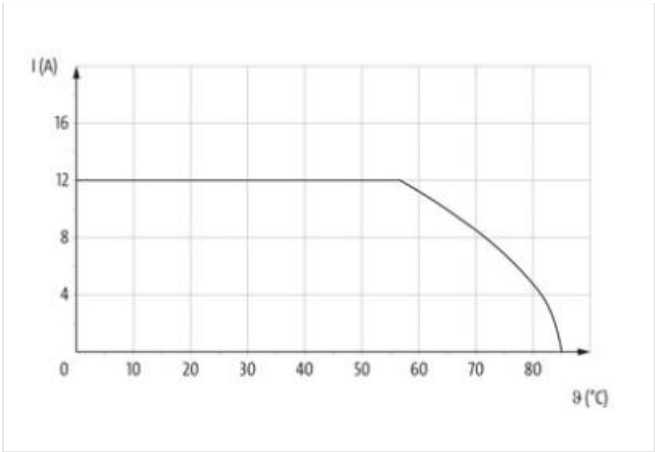
with multi-strand wire

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

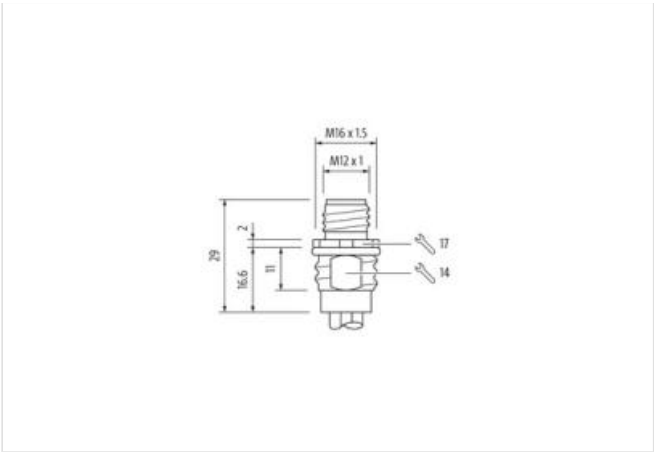
[Link a termékhez](#)**Ábrák**

|    |       |
|----|-------|
| 1  | BN    |
| 2  | WH    |
| 3  | BU    |
| 4  | BK    |
| PE | GN YE |





Szimbolikus ábra



|                                        |                   |
|----------------------------------------|-------------------|
| Cable length                           | 0,5 m             |
| Side 1                                 |                   |
| Tightening torque                      | 0,6 Nm            |
| Family construction form               | M12P              |
| Thread                                 | M12 x 1           |
| Coding                                 | K                 |
| No. of poles                           | 5                 |
| 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                                   | 4048879759199     |
| Packaging unit                         | 1                 |
| Electrical data   Supply               |                   |
| Operating voltage AC max.              | 600 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         |                   |
| Degree of protection (EN IEC 60529)    | IP65, IP67        |
| Additional condition protection degree | inserted, screwed |

|                              |      |
|------------------------------|------|
| Pollution Degree             | 3    |
| Rated surge voltage          | 6 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                              | 988                                                  |
| wire arrangement                                  | brown, white, blue, black, green-yellow              |
| Cable weight                                      | 107,25 g/m                                           |
| Material wire insulation                          | PUR                                                  |
| Amount wires                                      | 5                                                    |
| Outer diameter insulation                         | 2,4 mm                                               |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Amount strands (wire)                             | 30                                                   |
| Diameter of single wires                          | 0,25 mm                                              |
| Conductor crosssection (wire)                     | 1,5 mm <sup>2</sup>                                  |
| Material conductor wire                           | copper stranded wire, tinned                         |
| Conductor type (wire)                             | Strand class 5                                       |
| Nominal voltage AC max.                           | 900 V                                                |
| Electrical resistance line constant wire          | 13,3 Ω/km @ 20 °C                                    |
| AC withstand voltage (wire - wire)                | 3,31 kV                                              |
| Power frequency withstand voltage (wire - jacket) | 3,31 kV                                              |
| 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                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |