

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

PVC-wires 4x1.5 0.5m

Flange male

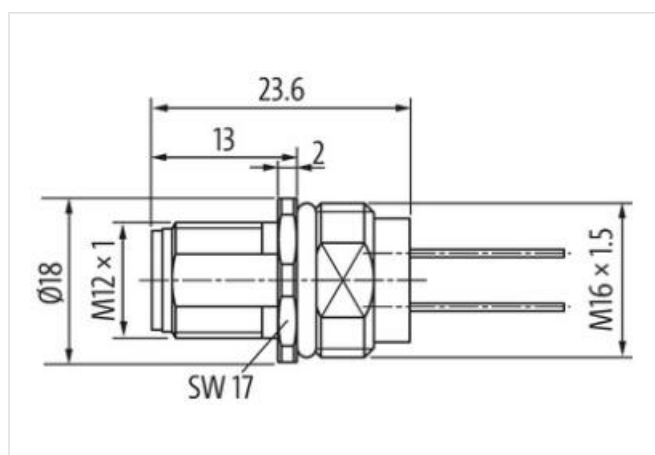
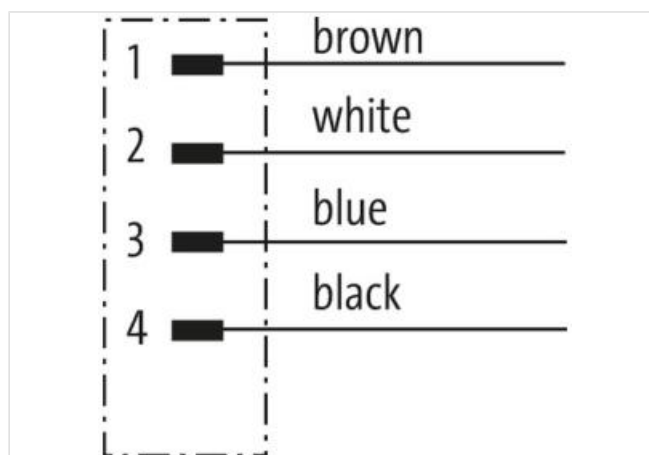
M12, 4-pole

T-coded

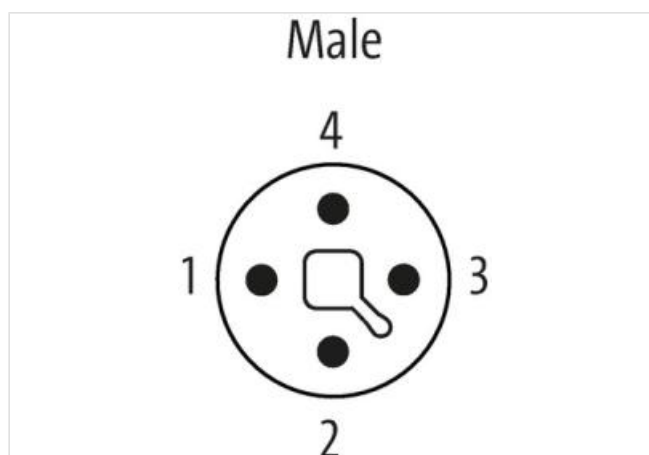
Front mounting

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 a termékhez](#)**Ábrák**

Szimbolikus ábra



Cable length 0,5 m

**Side 1**

Tightening torque 0,6 Nm

|                          |              |
|--------------------------|--------------|
| Coating contact          | gold plated  |
| Family construction form | M12P         |
| Thread                   | M12 x 1      |
| Coding                   | T            |
| Material contact         | Copper alloy |

**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              | EC002635      |
| customs tariff number | 85444290      |
| GTIN                  | 4048879698610 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage DC max.          | 63 V |
| Current operating per contact max. | 12 A |

**Installation | Connection**

|                    |           |
|--------------------|-----------|
| Mounting set       | M16 x 1.5 |
| Width across flats | SW17      |
| Mating cycles min. | 100       |

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Degree of protection (EN IEC 60529)    | IP68              |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 1,5 kV            |
| Material group (IEC 60664-1)           | II                |

**Mechanical data | Material data**

|                          |    |
|--------------------------|----|
| Material contact carrier | PA |
|--------------------------|----|

**Mechanical data | Mounting data**

|                 |                   |
|-----------------|-------------------|
| Mounting method | inserted, screwed |
|-----------------|-------------------|

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -40 °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. |

**Resistances | Cable**

|                                     |                           |
|-------------------------------------|---------------------------|
| Cable identification                | 941                       |
| wire arrangement                    | brown, white, blue, black |
| Material wire insulation            | PVC                       |
| Amount wires                        | 4                         |
| Conductor crosssection (wire)       | 1,5 mm <sup>2</sup>       |
| Min. operating temperature (static) | -40 °C                    |
| Max. operating temperature (fixed)  | 85 °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 |