

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

mPPE-wires 4x1.5 1m

Flange male

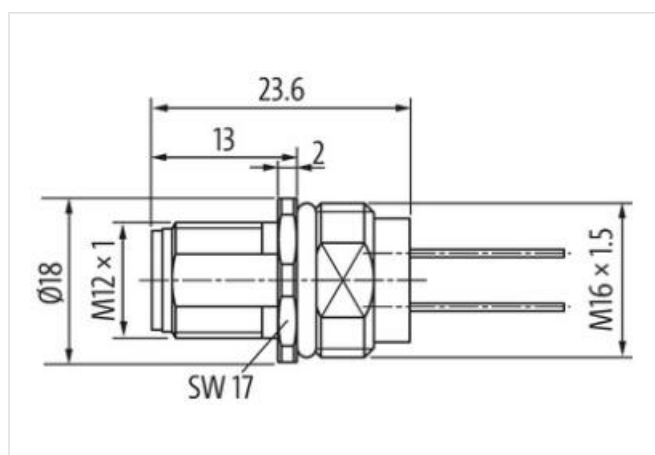
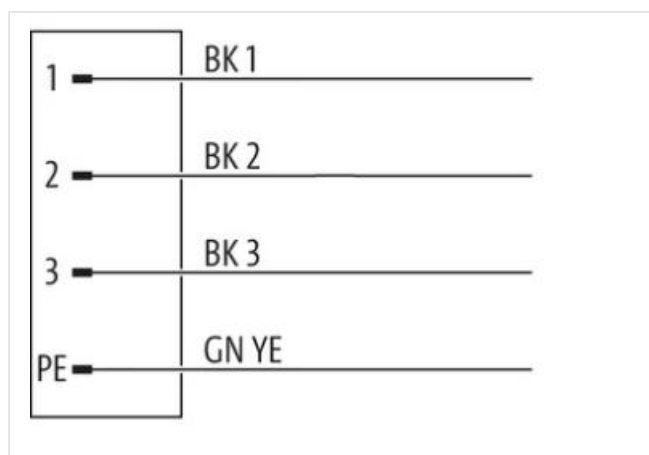
M12, 4-pole

S-coded

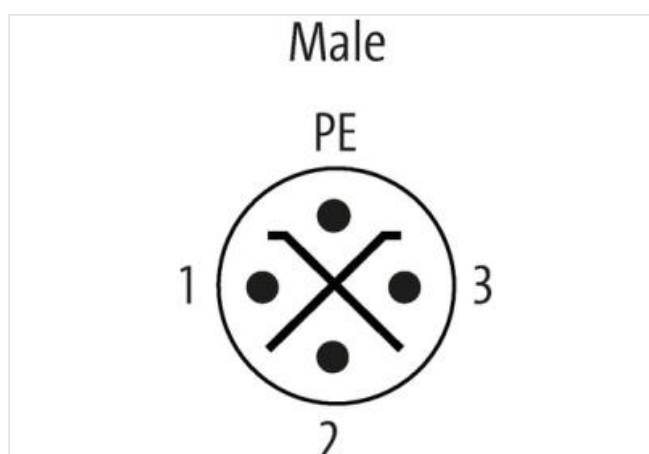
Front mounting

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.

[Linkki tuotteeseen](#)**Kuvat**

Tuote voi erota kuvassa olevasta



Cable length 1 m

**Side 1**

Tightening torque 0,6 Nm

Tämän tietolomakkeen tiedot on laadittu suurimmalla mahdollisella huolellisuudella.  
Vahingonkorvausvastuu koskien tietojen oikeellisuutta, laajuutta ja ajankohtaisuutta kattaa ainoastaan törkeän laiminlyönnin. Versio: 17.05.2024

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

#### Kaupalliset tiedot

|             |               |
|-------------|---------------|
| 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        | 4048879664936 |
| Pakkauskoko | 1             |
| Tullinumero | 85444290      |

#### Electrical data | Supply

|                                    |       |
|------------------------------------|-------|
| Operating voltage AC max.          | 630 V |
| Operating voltage DC max.          | 630 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                    | 6 kV              |
| Material group (IEC 60664-1)           | III               |

#### 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                | 940                                     |
| wire arrangement                    | black 1, black 2, black 3, green-yellow |
| Material wire insulation            | PE                                      |
| 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                   | 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                     | Good, application-related testing   DIN EN 60811-404 |