

**M12 Power male 0° L-cod. Push-Lock**5-pol., 1,5 - 2,5mm<sup>2</sup>, 8 - 13mm

Male straight

M12, 5-pole

L-coded

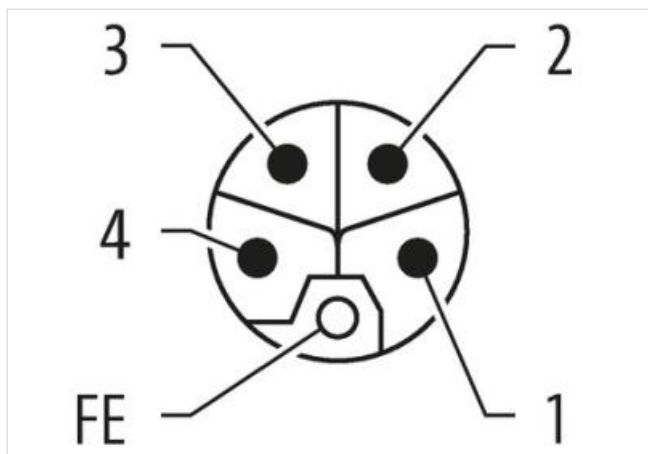
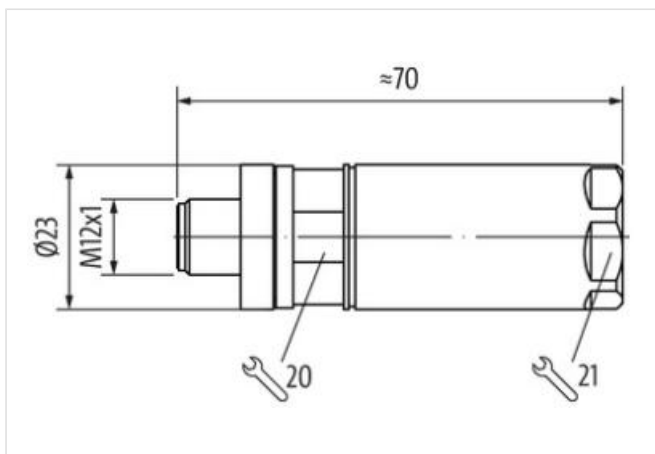
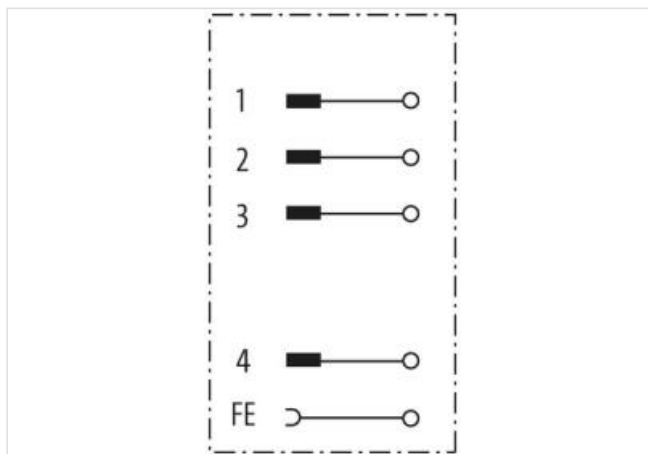
Push-Lock spring clamp connection

Field-wireable

Sealing range (cable Ø)

9...13 mm

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

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

Tuote voi erota kuvassa olevasta

**Side 1**

Family construction form

M12P

Coding

L

**Kaupalliset tiedot**

|             |               |
|-------------|---------------|
| ECLASS-6.0  | 27279221      |
| ECLASS-6.1  | 27260702      |
| ECLASS-7.0  | 27440102      |
| ECLASS-8.0  | 27440102      |
| ECLASS-9.0  | 27440116      |
| ECLASS-10.1 | 27440102      |
| ECLASS-11.1 | 27440102      |
| ECLASS-12.0 | 27440116      |
| ETIM-5.0    | EC002635      |
| GTIN        | 4065909028643 |
| Pakkauskoko | 1             |
| Tullinumero | 85366990      |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage DC max.          | 63 V |
| Current operating per contact max. | 16 A |

**Installation**

|                                                            |          |
|------------------------------------------------------------|----------|
| Cross section connection with wire end ferrule min.        | 0,75 mm² |
| Cross section connection with wire end ferrule max.        | 2,5 mm²  |
| Cross section connection without wire end ferrule min.     | 1,5 mm²  |
| Cross section connection without wire end ferrule max.     | 2,5 mm²  |
| Cross section connection with wire end ferrule AWG min.    | 18 AWG   |
| Cross section connection with wire end ferrule AWG max.    | 14 AWG   |
| Cross section connection without wire end ferrule AWG min. | 16 AWG   |
| Cross section connection without wire end ferrule AWG max. | 14 AWG   |

**Installation | Connection**

|                    |                                   |
|--------------------|-----------------------------------|
| Connection         | Push-Lock spring clamp connection |
| Tightening torque  | 0,6 Nm                            |
| Mounting set       | M12 x 1                           |
| Mating cycles min. | 100                               |

**Device protection**

|          |    |
|----------|----|
| Shielded | no |
|----------|----|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Degree of protection (EN IEC 60529)    | IP65              |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Overvoltage category (EN 60950-1)      | III               |

**Mechanical data**

|                             |         |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

**Mechanical data | Material data**

|                             |               |
|-----------------------------|---------------|
| Coating housing             | nickel plated |
| Coating contact             | gold plated   |
| Coating locking             | nickel plated |
| Combustibility class (UL94) | V-0           |
| Material housing            | Brass         |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material contact carrier                        | PA                                                                                                                                                    |
| Locking material                                | Brass                                                                                                                                                 |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed, Shaking protection                                                                                                                 |
| Clamping range min.                             | 9 mm                                                                                                                                                  |
| Clamping range max.                             | 13 mm                                                                                                                                                 |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -40 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| <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                                                                                                                                       |