

**M12 Power female 0° L-cod. screw terminal**5-pol., max. 2,5mm<sup>2</sup>, 8 - 13mm

Female straight

M12

5-pole

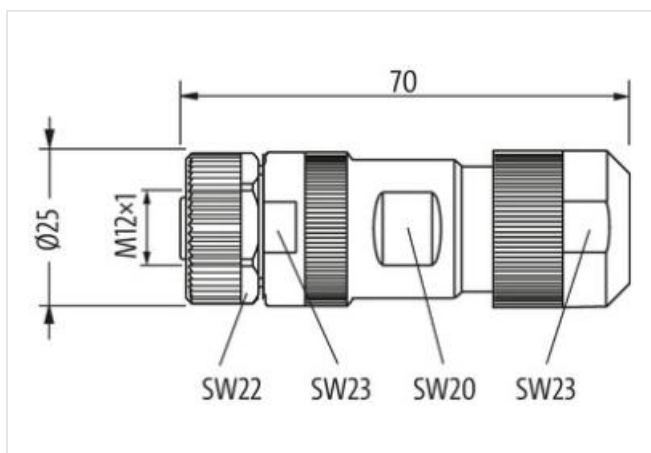
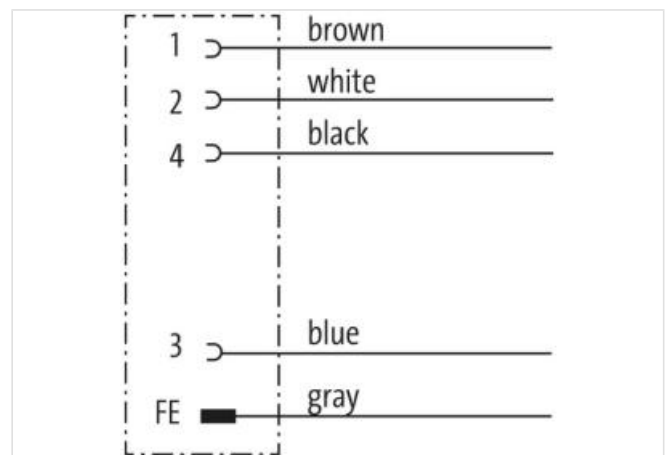
L-coded

Screw terminals

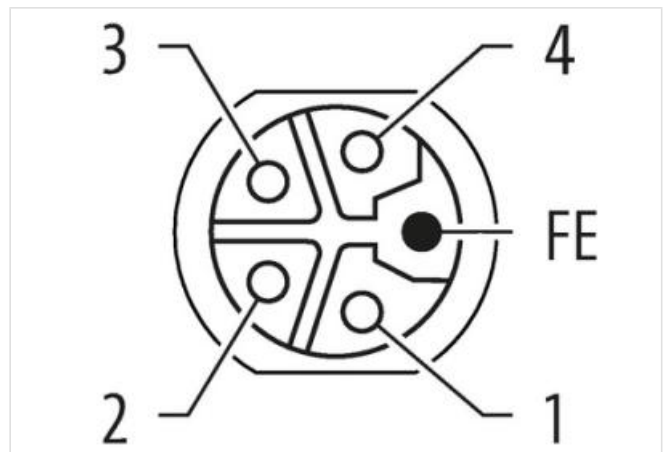
Sealing range (cable Ø)

8...13 mm

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

[Link to Product](#)**Illustration**

Product may differ from Image

**Side 1**

Family construction form

M12P

Coding

L

Material contact Copper alloy

| Commercial data       |               |
|-----------------------|---------------|
| 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      |
| customs tariff number | 85366990      |
| GTIN                  | 4048879786560 |
| Packaging unit        | 1             |

| Electrical data   Supply           |      |
|------------------------------------|------|
| Operating voltage AC max.          | 63 V |
| Operating voltage DC max.          | 63 V |
| Current operating per contact max. | 16 A |

| Installation                  |                     |
|-------------------------------|---------------------|
| Connection cross section max. | 2,5 mm <sup>2</sup> |
| AWG number max.               | 14                  |

| Installation   Connection |                    |
|---------------------------|--------------------|
| Connection                | Screw terminals SK |
| Mounting set              | M12 x 1            |
| Mating cycles min.        | 100                |

| Device protection   Electrical         |                   |
|----------------------------------------|-------------------|
| Degree of protection (EN IEC 60529)    | IP67              |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 1,5 kV            |
| Material group (IEC 60664-1)           | II                |
| Overvoltage category (EN 60950-1)      | III               |

| Mechanical data   Material data |             |
|---------------------------------|-------------|
| Coating contact                 | gold plated |
| Material housing                | PA          |
| Material contact carrier        | PA          |

| Mechanical data   Mounting data |                |
|---------------------------------|----------------|
| Mounting method                 | Schraubgewinde |
| Clamping range min.             | 8 mm           |
| Clamping range max.             | 13 mm          |

| Environmental characteristics   Climatic |        |
|------------------------------------------|--------|
| Operating temperature min.               | -40 °C |
| Operating temperature max.               | 85 °C  |

| 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. |