

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

Female straight

M12

5-pole

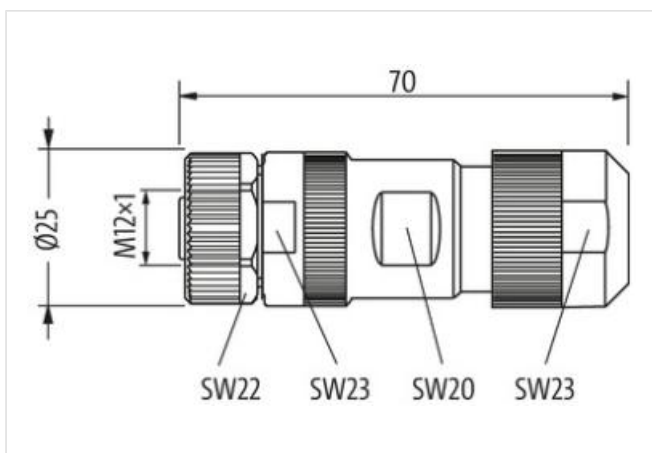
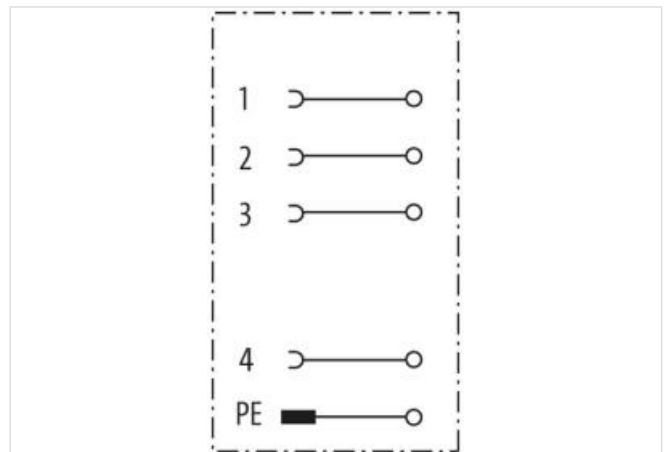
K-coded

Screw terminals

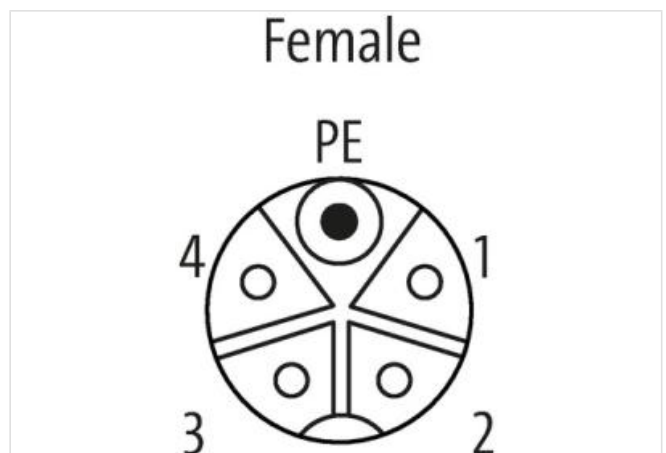
Sealing range (cable Ø)

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

K

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material contact                                | Copper alloy                                                                                                                                          |
| No. of poles                                    | 5                                                                                                                                                     |
| <b>Commercial data</b>                          |                                                                                                                                                       |
| 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                                            | 4048879784832                                                                                                                                         |
| Packaging unit                                  | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC                            | 600 V                                                                                                                                                 |
| Operating voltage DC                            | 600 V                                                                                                                                                 |
| Current operating per contact max.              | 12 A                                                                                                                                                  |
| <b>Installation</b>                             |                                                                                                                                                       |
| Connection cross section max.                   | 2,5 mm <sup>2</sup>                                                                                                                                   |
| AWG number max.                                 | 14                                                                                                                                                    |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Connection                                      | Screw terminals SK                                                                                                                                    |
| Mounting set                                    | M12 x 1                                                                                                                                               |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Degree of protection (EN IEC 60529)             | IP67                                                                                                                                                  |
| Additional condition protection degree          | inserted, screwed                                                                                                                                     |
| Pollution Degree                                | 3                                                                                                                                                     |
| Rated surge voltage                             | 6 kV                                                                                                                                                  |
| Material group (IEC 60664-1)                    | II                                                                                                                                                    |
| Overvoltage category (EN 60950-1)               | II                                                                                                                                                    |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Coating contact                                 | gold plated                                                                                                                                           |
| Material housing                                | PA                                                                                                                                                    |
| Material contact carrier                        | PA                                                                                                                                                    |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | Schraubgewinde                                                                                                                                        |
| Clamping range min.                             | 8 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. |