

M12 Power male 0° K-cod. screw terminal5-pol., max. 2,5mm², 8 - 13mm

Power

Male straight

M12

5-pole

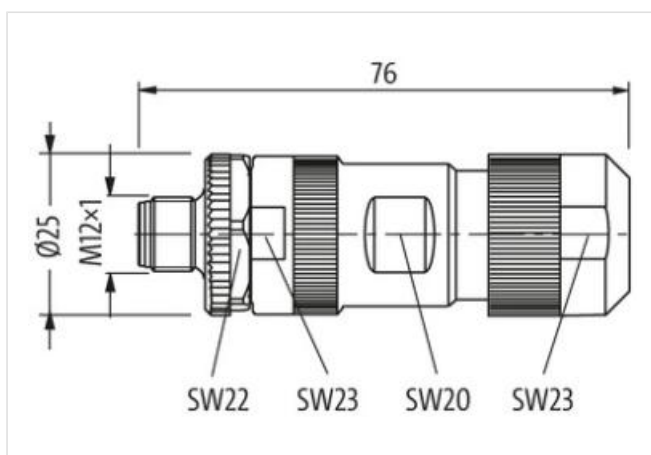
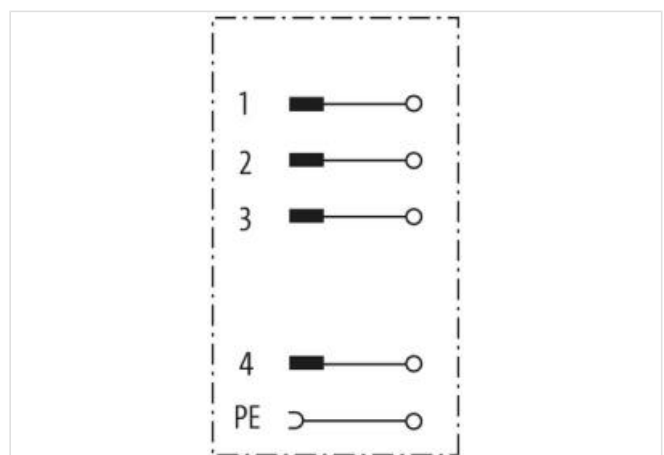
K-coded

Screw terminals

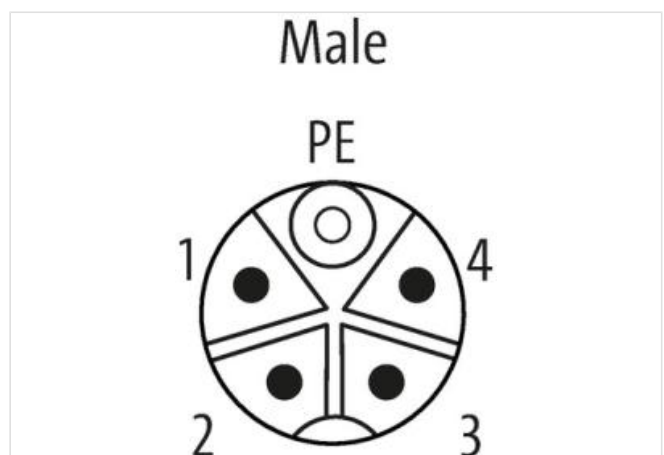
Sealing range (cable Ø)

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 |
| 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 | 4048879784849 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC | 600 V |
| Operating voltage DC | 600 V |
| Current operating per contact max. | 12 A |
| Installation | |
| Connection cross section max. | 2,5 mm ² |
| Cross section connection with wire end ferrule max. | 1,5 mm ² |
| Cross section connection without wire end ferrule max. | 2,5 mm ² |
| AWG number max. | 14 |
| Cross section connection with wire end ferrule AWG max. | 16 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 | Screw terminals SK |
| Mounting set | M12 x 1 |
| Device protection Electrical | |
| 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 |
| 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 | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |