

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

Power

Male straight

M12

5-pole

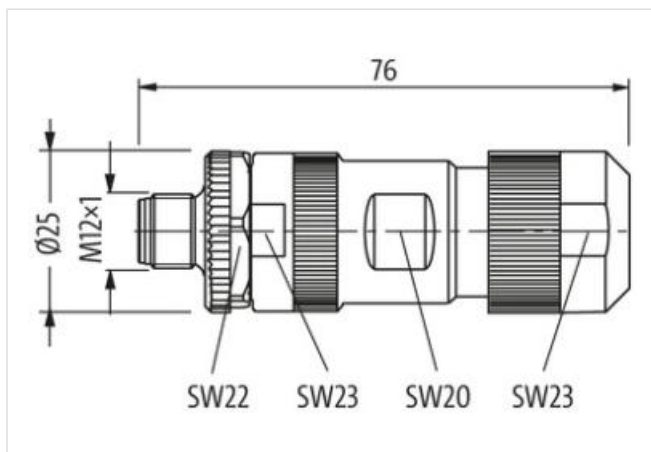
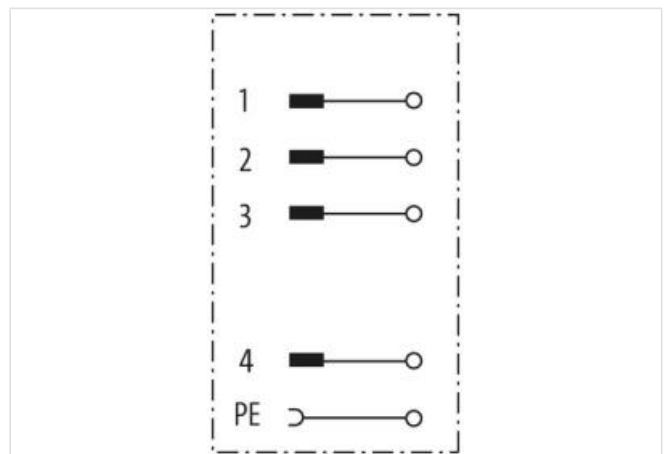
K-coded

Screw terminals

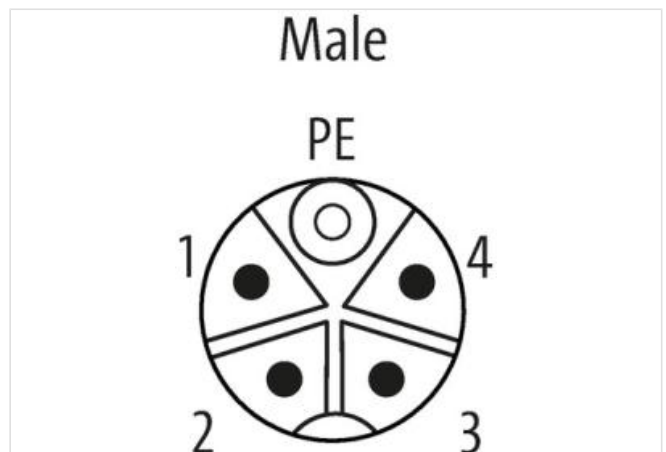
Sealing range (cable Ø)

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
<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	4048879784849
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>
Cross section connection with wire end ferrule max.	1,5 mm <sup>2</sup>
Cross section connection without wire end ferrule max.	2,5 mm <sup>2</sup>
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
<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

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.