MURR ELEKTRONIK
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## M12 Power male 0° L-cod. screw terminal

5-pol., max. 2,5mm², 8 - 13mm

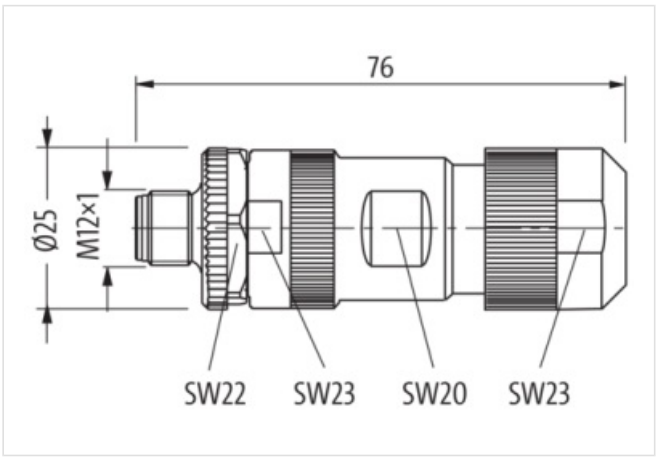
Art.No.: 7000-P4591-0000000
Weight: 0.027 kg
Country of origin: DE
Model designation: MSWAL-U-SK max. 2.5mm²

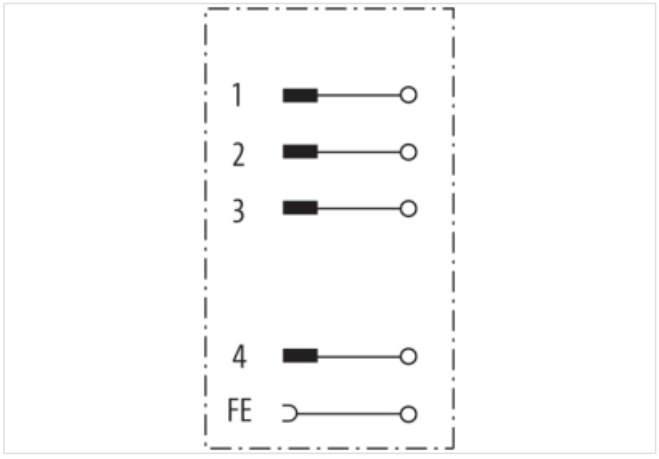
Male straight
M12
5-pole
L-coded
Screw terminals
Sealing range (cable Ø)
8...13 mm
The resistance to aggressive media should be individually tested for your application. Further details on request.

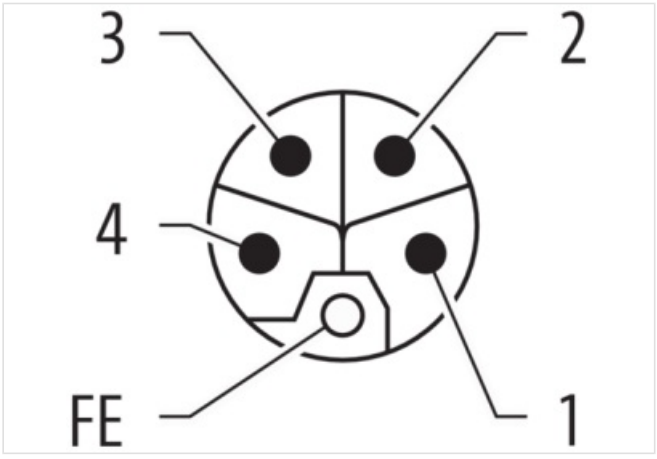
**Link to Product**

### Illustration






Product may differ from Image

### Header

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| | |
|---|---|
| Material short text | MSWAL-U-SK max. 2.5mm² |
| **Side 1** | |
| Family construction form | M12P |
| No. of poles | 5 |
| Coding | L |
| Gender | male |
| Mounting method | inserted, screwed |
| Threaded hole | M12 x 1 |
| Cable outlet | straight |
| Material contact | Copper alloy |
| **Side 2** | |
| Mounting method | field-wireable |
| **Commercial data** | |
| URL Webshop | https://shop.murrelektronik.com/7000-P4591-0000000 |
| GTIN | 4048879786553 |
| ECLASS-6.0 | 27279221 |
| ECLASS-6.1 | 27260702 |
| ECLASS-7.0 | 27440102 |
| ECLASS-7.1 | 27440102 |
| ECLASS-8.0 | 27440102 |
| ECLASS-8.1 | 27440102 |
| ECLASS-9.0 | 27440116 |
| ECLASS-9.1 | 27440106 |
| ECLASS-10.0.1 | 27440106 |
| ECLASS-10.1 | 27440102 |
| ECLASS-11.0 | 27440106 |
| ECLASS-11.1 | 27440102 |
| ECLASS-12.0 | 27440116 |
| ECLASS-13.0 | 27440106 |
| ECLASS-14.0 | 27440106 |
| ETIM-5.0 | EC002635 |
| ETIM-6.0 | EC002635 |
| ETIM-7.0 | EC002635 |
| ETIM-8.0 | EC002635 |
| customs tariff number | 85366990 |
| EAN | 4048879786553 |
| Packaging unit | 1 |
| customs tariff number | 85366990 |
| EAN | 4048879786553 |
| 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 |
| **Diagnostics** | |
| Status indication LED | no |
| **Installation** | |
| Cross section connection with wire end ferrule max. | 1,5 mm² |
| Cross section connection with wire end ferrule AWG max. | 16 AWG |

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| | |
|---|---|
| Cross section connection without wire end ferrule max. | 2,5 mm² |
| Cross section connection without wire end ferrule AWG max. | 14 AWG |
| 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 |
| Overvoltage category (EN 60950-1) | III |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | II |
| **Mechanical data \| Material data** | |
| Material housing | PA |
| Material contact carrier | PA |
| Coating contact | gold plated |
| **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 bending radius | **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |

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