

M12 Power male 0° L-cod. screw terminal5-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

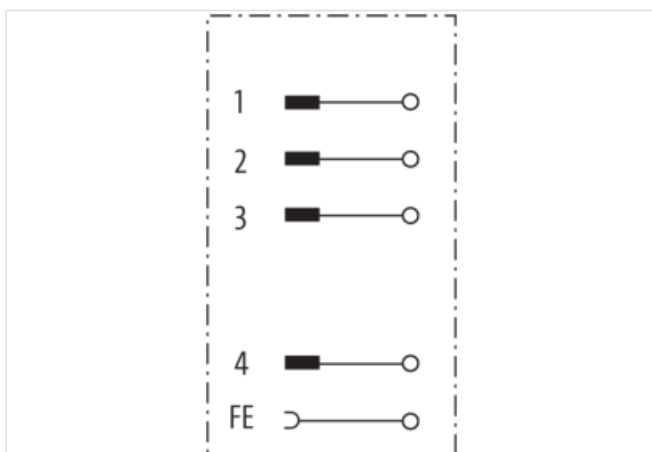
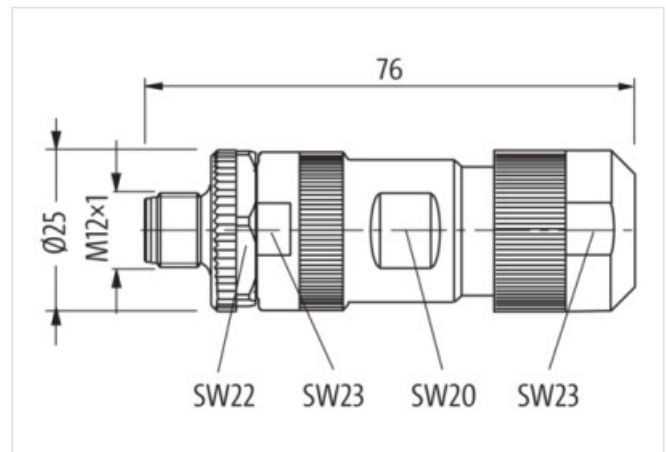
L-coded

Screw terminals

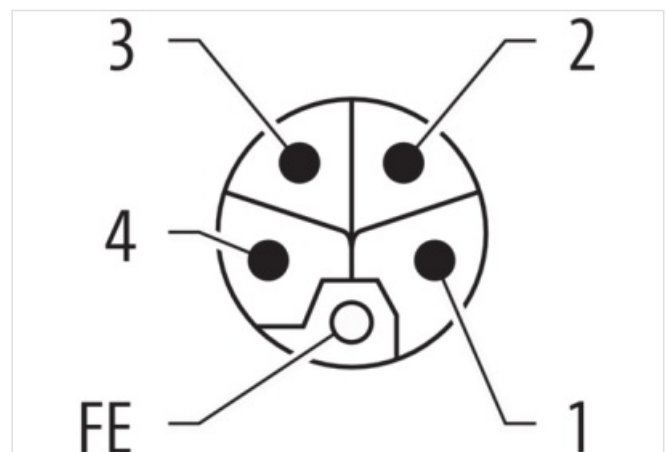
Sealing range (cable Ø)

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**

The information in this Product-PDF has been compiled with the utmost care.
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Material short text	MSWAL-U-SK max. 2.5mm²
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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
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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
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Installation

Cross section connection with wire end ferrule max.	1,5 mm²
Cross section connection with wire end ferrule AWG max.	16 AWG

Cross section connection without wire end ferrule max.	2,5 mm ²
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Cross section connection without wire end ferrule AWG max.	14 AWG
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AWG number max.	14
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Installation | Connection

Connection	Screw terminals SK
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Mounting set	M12 x 1
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Mating cycles min.	100
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Device protection | Electrical

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

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

Mounting method	Schraubgewinde
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Clamping range min.	8 mm
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Clamping range max.	13 mm
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Environmental characteristics | Climatic

Operating temperature min.	-40 °C
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Operating temperature max.	85 °C
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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.
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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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