

M12 female 90° A-cod. screw terminal

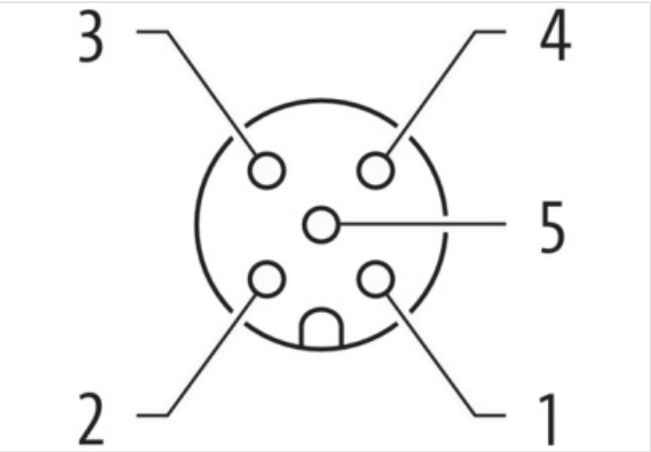
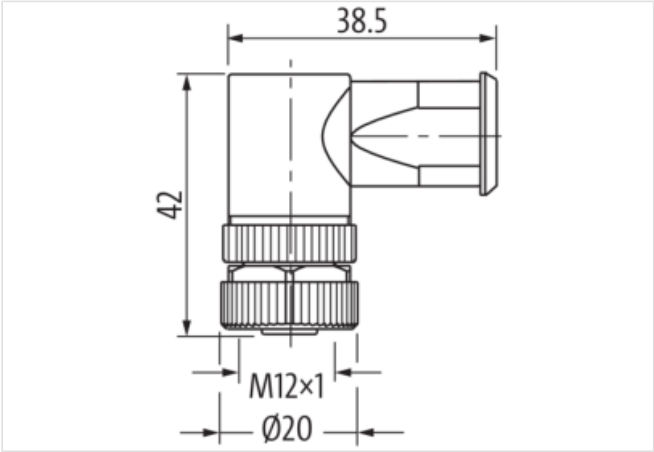
5-pol., 0,14 - 1,5mm², 2,5 - 8mm

Art.No.: 7000-13011-0000000
Weight: 0.060 kg
Country of origin: SK
Model designation: MSDL0-U

Female 90°
M12, 5-pole
Screw terminals
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



1	○ 1
2	○ 2
3	○ 3
4	○ 4
5	○ 5

Product may differ from Image



Header	
Material short text	MSDL0-U
Side 1	

Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Mounting method	pluggable, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW18
Cable outlet	angled
Material	PA6 GF30
Material contact	CuZn
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67

Side 2

Mounting method	Field-wireable
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Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-13011-0000000
GTIN	4048879428774
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	4048879428774
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating current per contact max. (40°C)	7,5 A

Diagnostics

Status indication LED	No
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Installation

Rotation option	90° (4 outlet directions)
Connection cross section min.	0,14 mm²
Connection cross section max.	1,5 mm²
Cross section connection with wire end ferrule min.	0,14 mm²

Cross section connection with wire end ferrule max.	1,5 mm ²
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Cross section connection with wire end ferrule AWG min.	26 AWG
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Cross section connection with wire end ferrule AWG max.	16 AWG
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Installation | Connection

Tightening torque	0,6 Nm
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Mating cycles min.	100
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Device protection

Shielded	No
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Pollution Degree	3/2
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Insulation resistance min.	100 mΩ
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Mechanical data | Material data

Material housing	PA
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Material gasket	NBR, FPM
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Mechanical data | Mounting data

Mounting method	inserted, screwed
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Clamping range min.	2,5 mm
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Clamping range max.	8 mm
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Environmental characteristics | Climatic

Operating temperature min.	-30 °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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