

M12 male 90° A-cod. screw terminal5-pol., 0,14 - 1,5mm², 2,5 - 8mm

Art.No.: 7000-12851-0000000

Weight: 0.06

Country of origin: SK

Model designation: MSCL0-U

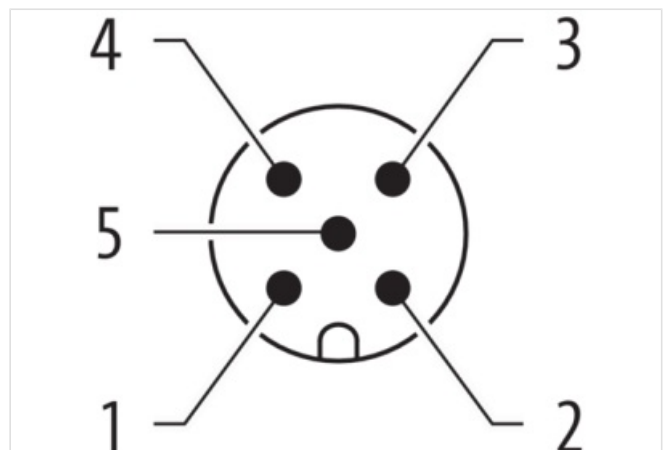
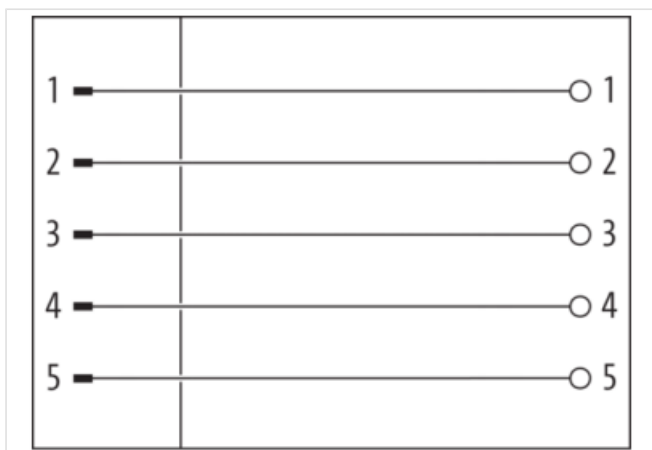
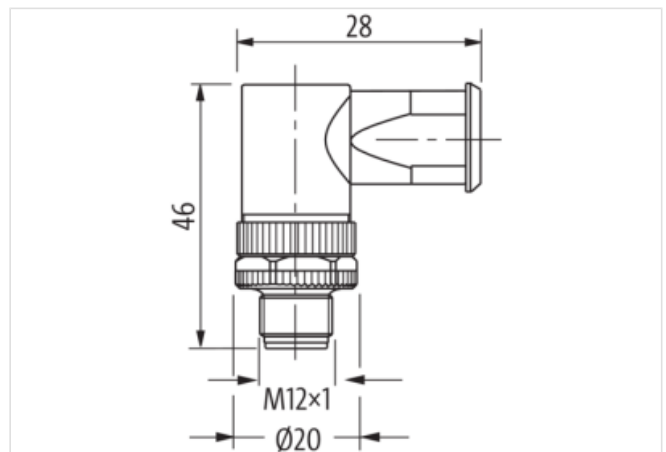
Male 90°

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**

Product may differ from Image

**Header**

Material short text

MSCL0-U

Side 1

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-10-22

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

Family construction form	M12
No. of poles	5
Coding	A
Gender	male
Mounting method	pluggable, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW18
Cable outlet	angled
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/7000-12851-0000000
GTIN	4048879438247
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	4048879438247
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	60 V
Operating voltage DC max.	60 V

Diagnostics

Status indication LED	no
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Installation

Rotation option	90° (4 outlet directions)
Connection cross section max.	1.5 mm ²
Cross section connection with wire end ferrule min.	0.14 mm ²
Cross section connection with wire end ferrule max.	1.5 mm ²
Cross section connection with wire end ferrule AWG min.	26 AWG

Cross section connection with wire end ferrule 16 AWG
AWG max.

Installation | Connection

Tightening torque	0.6 Nm
Mating cycles min.	100

Device protection | Electrical

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

Mechanical data | Material data

Material contact carrier	PA6
Material gasket	NBR

Mechanical data | Mounting data

Height	46 mm
Width	38 mm
Depth	20 mm
Mounting method	Schraubgewinde
Clamping range min.	2.5 mm
Clamping range max.	8 mm

Environmental characteristics | Climatic

Operating temperature min.	-30 °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.