

**M12 male 0° A-cod. screw terminal**5-pol., max. 0,75mm<sup>2</sup>, 6 - 8mm

Art.No.: 7000-12762-0000000

Weight: 0.024

Country of origin: CN

Model designation: MSAL0-U

Male straight

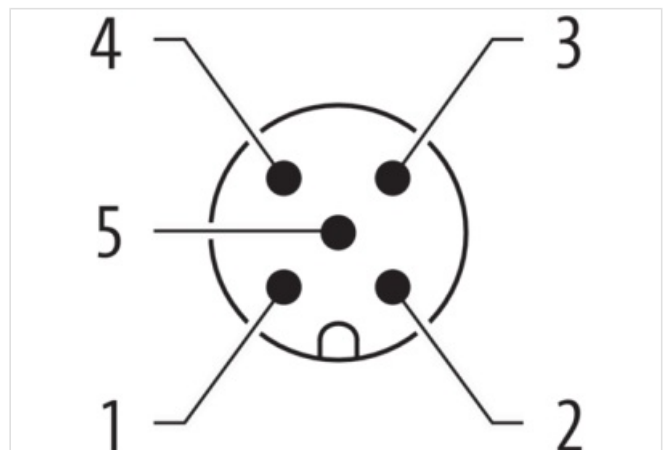
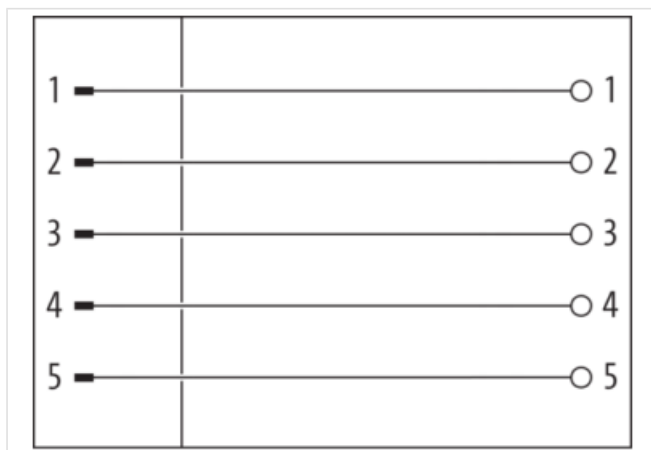
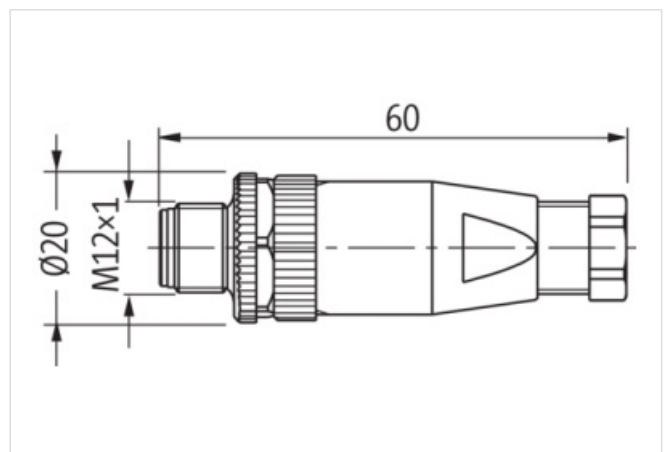
M12, 5-pole

Screw terminals

Sealing range (cable Ø): 6...8 mm

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

MSAL0-U

**Side 1**

Family construction form	M12
No. of poles	5
Coding	A
Material contact	Copper alloy
Degree of protection (EN IEC 60529)	IP67

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-12762-0000000">https://shop.murrelektronik.com/7000-12762-0000000</a>
GTIN	4065909045039
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	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85366990
EAN	4065909045039
Packaging unit	1

**Electrical data | Supply**

Operating voltage DC max.	60 V
Current operating per contact max.	4 A

**Installation**

Connection cross section max.	0.75 mm <sup>2</sup>
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**Installation | Connection**

Connection	Screw terminals SK
Tightening torque	0.6 Nm
Width across flats	SW18

**Device protection | Electrical**

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60950-1)	II
Insulation resistance min.	100 mΩ

**Mechanical data | Material data**

Material housing	PBT
Coating contact	gold plated
Locking material	Copper alloy

**Mechanical data | Mounting data**

Clamping range min.	6 mm
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Clamping range max. 8 mm

Environmental characteristics | Climatic

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

Important installation notes

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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.