

**M12 male 0° A-cod. screw terminal**5-pol., max. 0,75mm<sup>2</sup>, 4 - 6mm

Art.No.: 7000-12722-0000000

Weight: 0.023

Country of origin: CN

Model designation: MSAL0-U

Male straight

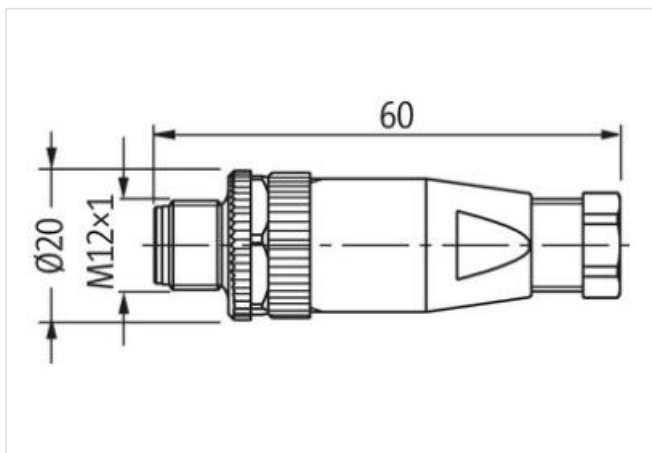
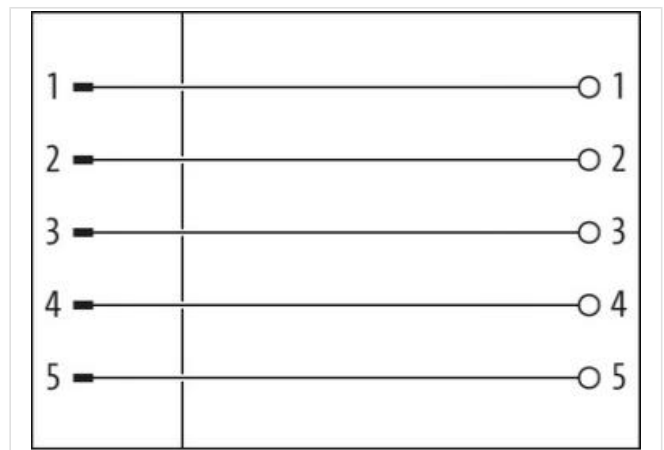
M12, 5-pole

Screw terminals

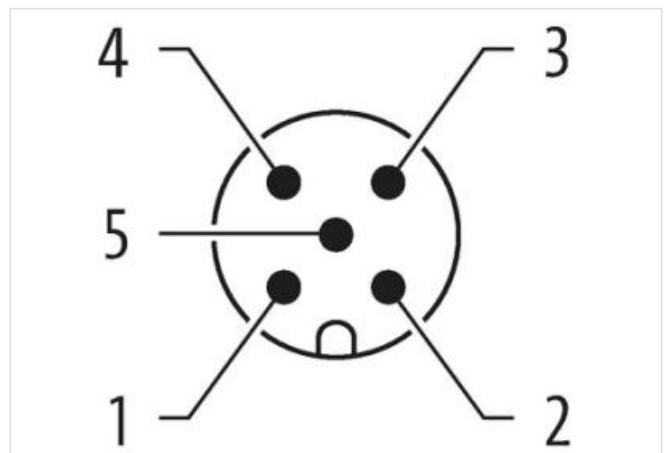
Sealing range (cable Ø): 4...6 mm

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

**Side 1**

Family construction form

M12

Coding	A
Material contact	Copper alloy
No. of poles	5
Degree of protection (EN IEC 60529)	IP67
<b>Commercial data</b>	
ECLASS-6.0	27279221
ECLASS-6.1	27260702
ECLASS-7.0	27440102
ECLASS-8.0	27440102
ECLASS-9.0	27440116
ECLASS-10.1	27440102
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ETIM-5.0	EC001855
customs tariff number	85366990
GTIN	4048879833905
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
<b>Installation</b>	
Connection cross section max.	0,75 mm²
<b>Installation   Connection</b>	
Connection	Screw terminals SK
Tightening torque	0,6 Nm
Width across flats	SW18
<b>Device protection   Electrical</b>	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Insulation resistance min.	100 MΩ
Overvoltage category (EN 60950-1)	II
<b>Mechanical data   Material data</b>	
Coating contact	gold plated
Material housing	PBT
Locking material	Copper alloy
<b>Mechanical data   Mounting data</b>	
Clamping range min.	4 mm
Clamping range max.	6 mm
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-40 °C
Operating temperature max.	85 °C
<b>Important installation notes</b>	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.

# Mouser Electronics

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