

M12 female 0° A-cod. screw terminal5-pol., max. 0,75mm², 4 - 6mm

Art.No.: 7000-12921-0000000

Weight: 0.03

Country of origin: DE

Model designation: MSB-U7

Female straight

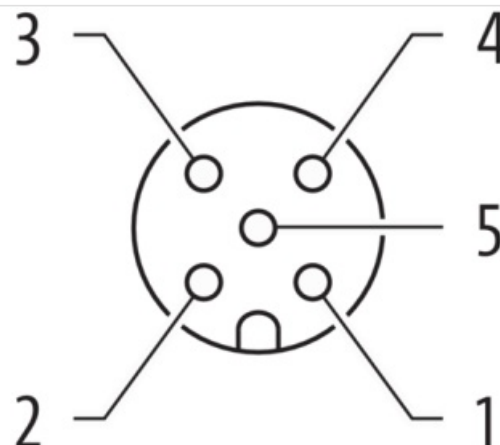
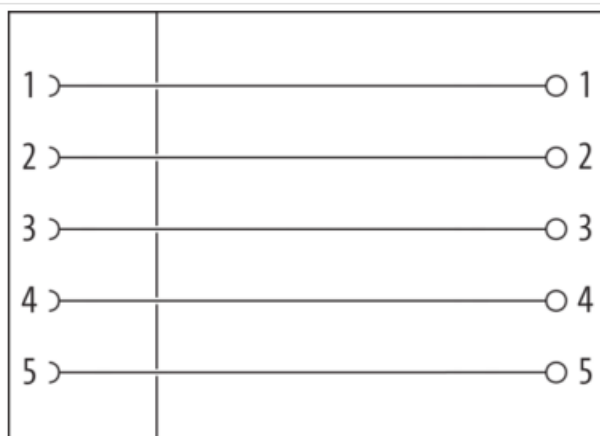
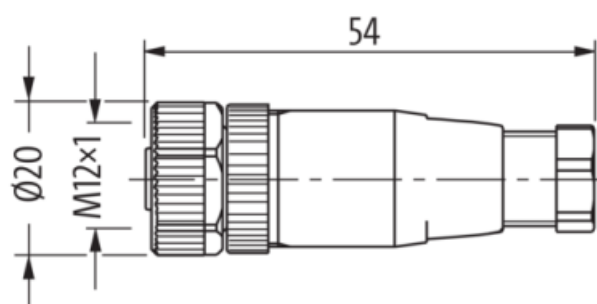
M12, 5-pole

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

**Header**

Material short text

MSB-U7

Side 1

Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW18
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP67

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-12921-0000000
GTIN	4048879201551
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	4048879201551
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Operating voltage AC max. (UL-listed)	125 V
Operating voltage DC max. (UL-listed)	125 V
Current operating per contact max. (URc.)	3 A

Installation

Connection cross section max.	0.75 mm²
-------------------------------	----------

Installation | Connection

Tightening torque	0.6 Nm
Width across flats	SW18

Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60664-1)	III

Overvoltage category (EN 60950-1)	II
Rated surge voltage	1.5 kV

Mechanical data | Material data

Material housing	PA
------------------	----

Mechanical data | Mounting data

Height	54 mm
Width	20 mm
Depth	20 mm
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	6 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °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.