

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

Art.No.: 7000-12721-0000000

Weight: 0.024

Country of origin: DE

Model designation: MSA-U7

Male straight

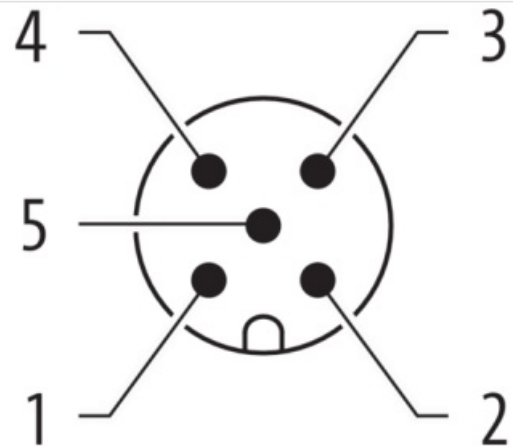
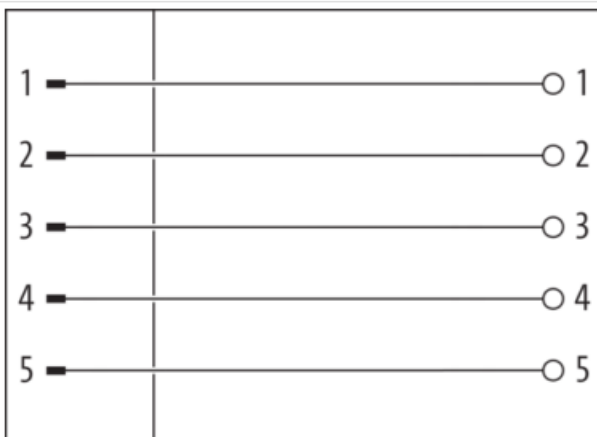
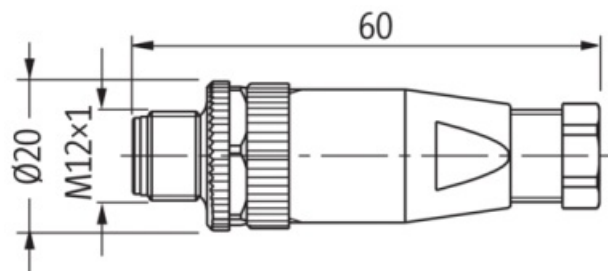
M12, 5-pole

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

**Header**

Material short text

MSA-U7

Side 1

Family construction form	M12
No. of poles	5
Coding	A
Gender	male
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/7000-12721-0000000
GTIN	4048879201650
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	4048879201650
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
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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
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Rated surge voltage	1.5 kV
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Mechanical data | Material data

Material housing	PA
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Mechanical data | Mounting data

Height	60 mm
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Width	20 mm
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Depth	20 mm
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Mounting method	inserted, screwed, Shaking protection
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Clamping range min.	4 mm
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Clamping range max.	6 mm
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Environmental characteristics | Climatic

Operating temperature min.	-40 °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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