

**M12 male 90° A-cod. Push-Lock**5-pol., 0,08 - 0,75mm<sup>2</sup>, 4 - 8mm

Art.No.: 7000-13911-0000000

Weight: 0.023

Country of origin: DE

Model designation: MSCL0-U-Push-Lock

Male 90°

M12, 5-pole

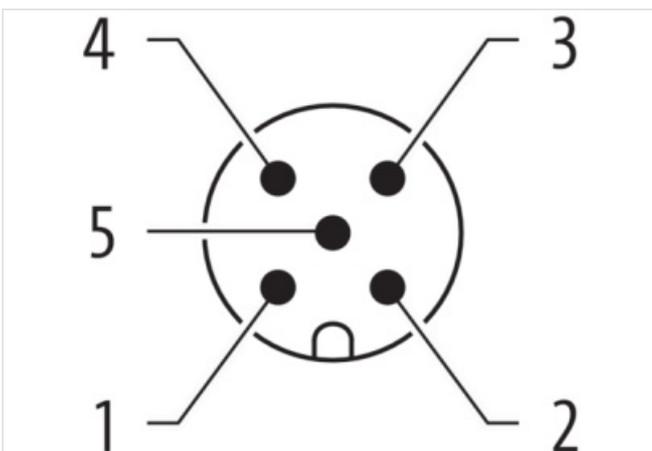
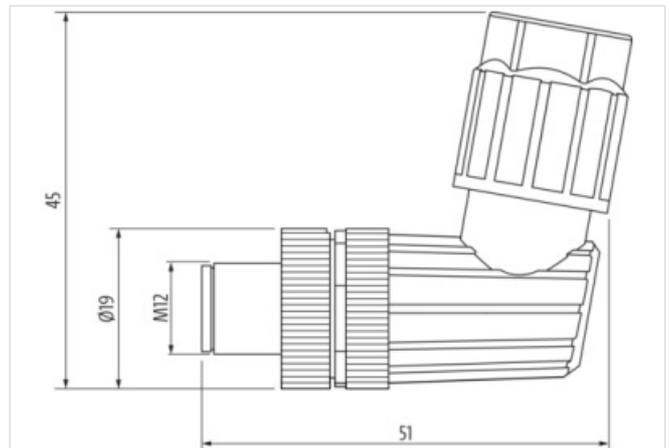
A-coded

Push-Lock spring clamp connection

Sealing range (cable Ø): 4...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



Side 1

Family construction form	M12
No. of poles	5
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.4 Nm
Cable outlet	angled
Material contact	Bronze
Degree of protection (EN IEC 60529)	IP67, IP65

**Side 2**

Family construction form	Push-Lock spring clamp connection
Mounting method	field-wireable

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-13911-0000000">https://shop.murrelektronik.com/7000-13911-0000000</a>
customs tariff number	85366990
EAN	4065909028933
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC	48 V
Operating voltage DC	60 V
Operating voltage AC max. (UL-listed)	250 V
Current operating per contact (UL)	4 A

**Diagnostics**

Status indication LED	no
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**Installation**

Cross section connection with wire end ferrule min.	0.08 mm <sup>2</sup>
Cross section connection with wire end ferrule max.	0.5 mm <sup>2</sup>
Cross section connection with wire end ferrule AWG min.	28 AWG
Cross section connection with wire end ferrule AWG max.	20 AWG
Cross section connection without wire end ferrule min.	0.14 mm <sup>2</sup>
Cross section connection without wire end ferrule max.	0.75 mm <sup>2</sup>
Cross section connection without wire end ferrule AWG min.	26 AWG
Cross section connection without wire end ferrule AWG max.	18 AWG

**Installation | Connection**

Width across flats	SW18
Mating cycles min.	100
Connection information	Push-Lock spring clamp connection

**Installation | Pin assignment**

Coding	A
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**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	PA
Material contact carrier	PA66
Coating contact	gold plated
Material gasket	NBR

**Mechanical data | Mounting data**

Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
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.

**Conformity**

Product standard	DIN EN 61076-2-101 (M12)
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