

M12 male 0° A-cod. Push-Lock5-pol., 0,14 - 0,75mm², 4 - 8mm

Male straight

M12, 5-pole

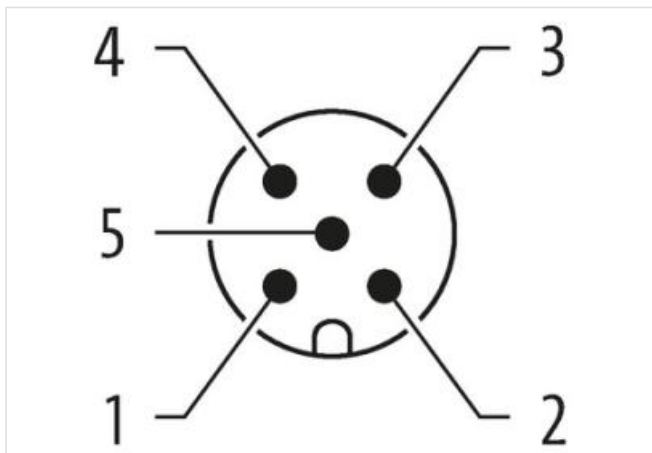
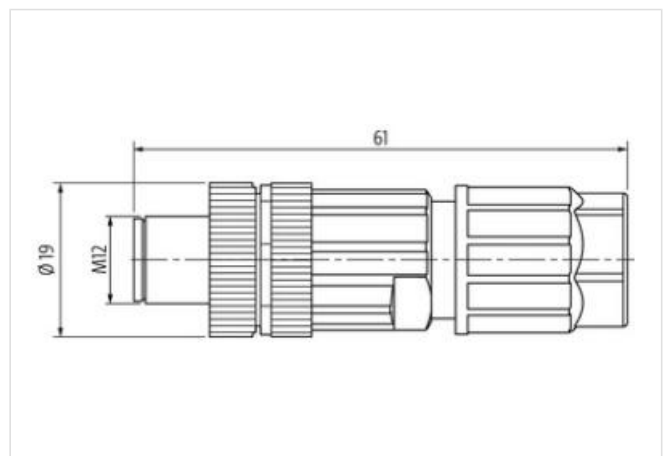
A-coded

Push-Lock-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**

Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M12

Thread	M12 x 1
Coding	A
Material contact	Bronze
No. of poles	5
Degree of protection (EN IEC 60529)	IP65, IP67

Commercial data

ECLASS-6.0	27279221
ECLASS-7.0	27440104
ECLASS-8.0	27440104
ECLASS-9.0	27440102
ETIM-5.0	EC002635
customs tariff number	85366990
GTIN	4065909028926
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
Operating current per contact max. (40°C)	4 A

Diagnostics

Status indication LED	no
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Installation

Cross section connection with wire end ferrule min.	0,08 mm²
Cross section connection with wire end ferrule max.	0,5 mm²
Cross section connection without wire end ferrule min.	0,14 mm²
Cross section connection without wire end ferrule max.	0,75 mm²
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 AWG min.	26 AWG
Cross section connection without wire end ferrule AWG max.	18 AWG

Installation | Connection

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

Installation | Pin assignment

Coding	A
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Device protection | Electrical

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

Mechanical data | Material data

Coating contact	gold plated
Combustibility class (UL94)	V-0

Material gasket	NBR
Material housing	PA
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 strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)