MURR ELEKTRONIK
stay connected

M12 male 0° A-cod. Push-Lock

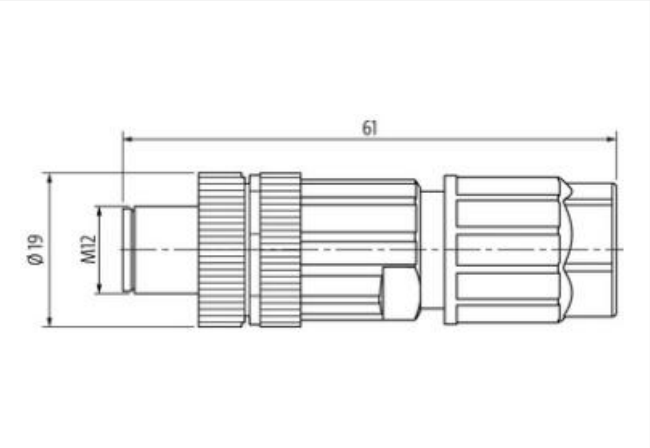
5-pol., 0,14 - 0,75mm², 4 - 8mm

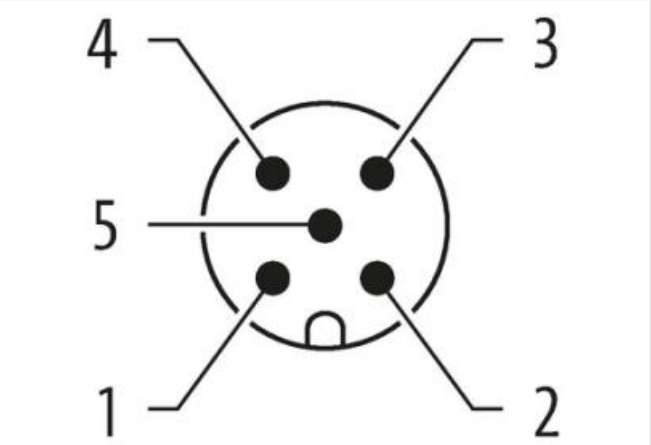
Male straight
M12, 5-pole
A-coded
Push-Lock-connection
Sealing range (cable Ø): 4...8 mm
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image

Side 1

Tightening torque	0,4 Nm
Family construction form	M12
Thread	M12 x 1

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Material contact	Bronze
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
Installation	
Connection cross section min.	0,14 mm²
Connection cross section max.	0,75 mm²
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
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	

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

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