M12 male 0° A-cod. screw terminal

5-pol. 0,14 - 1,5mm², 2,5 - 8mm

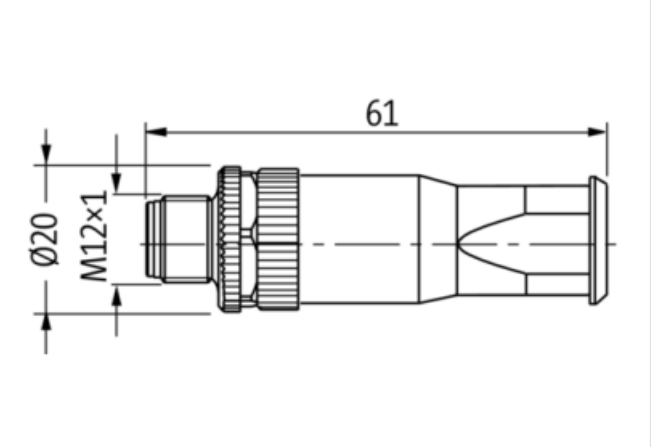
Art.No.: 7030-12731-0000000
Weight: 0,055 kg
Country of origin: SK
Model designation: MSAL0-U

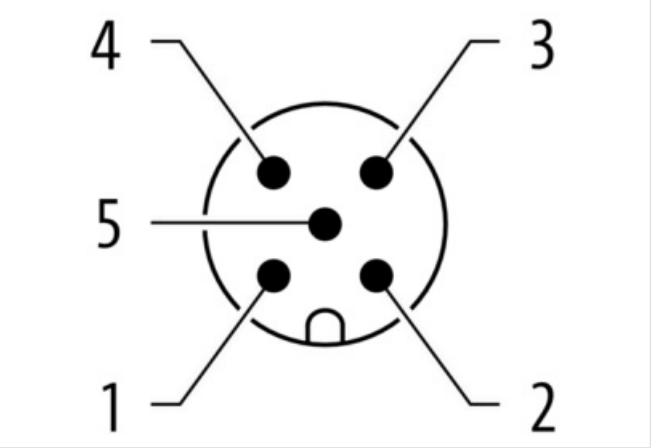
AIDA conform
Male straight
M12, 5-pole
Screw terminals
Sealing range (cable Ø): 4...8 mm
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

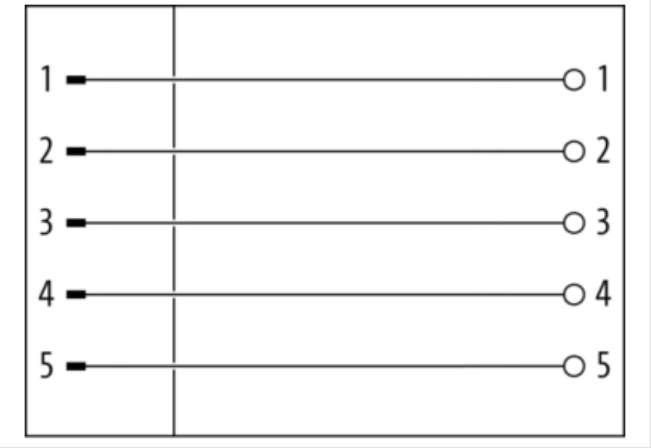
Link to Product

Illustration









Product may differ from Image

Side 1-1

Family construction form	M12
No. of poles	5
Coding	A
Gender	male
Mounting method	inserted, screwed

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-15

Threaded hole	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW18
Cable outlet	straight
Material	PA6 GF30
Material contact	CuZn
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
Side 2-2	
Mounting method	Field-wireable
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7030-12731-0000000
GTIN	4048879642125
EU-Customs tariff number	8536690090
US-Customs tariff number	8536694020
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	27440106
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
ETIM-9.0	EC002635
ETIM-10.0	EC002635
customs tariff number	85366990
EAN	4048879642125
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
Installation	
Cross section connection with wire end ferrule min.	0.14 mm²
Cross section connection with wire end ferrule max.	1.5 mm²
Cross section connection with wire end ferrule AWG min.	26 AWG
Cross section connection with wire end ferrule AWG max.	16 AWG
Installation | Connection	

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Tightening torque	0.6 Nm
Mounting set	M12 x 1
Mating cycles min.	100
Device protection | Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3/2
Insulation resistance min.	100 mΩ
Material group (IEC 60664-1)	III
Mechanical data | Material data	
housing	PA
Gasket	NBR
Mechanical data | Mounting data	
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	2.5 mm
Clamping range max.	8 mm
Environmental characteristics | Climatic	
Operating temperature min.	-30 °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.

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