M12 male 0° IDC 2A

4-pol., 0.25 - 0.5mm²

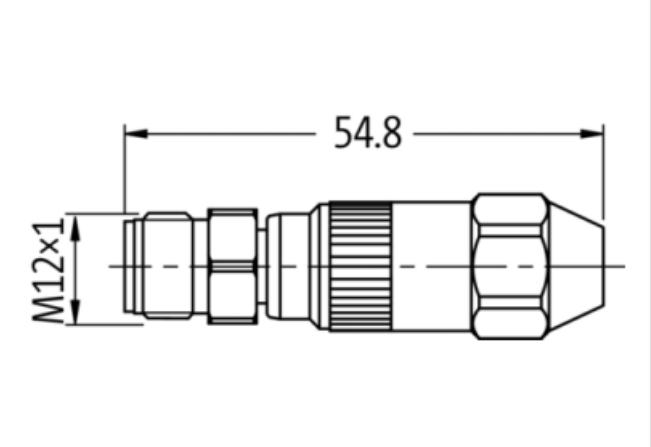
Art.No.: 7002-12481-0000000
Weight: 0,023 kg
Country of origin: DE
Model designation: MSAL0-AC-T-IDC-S02

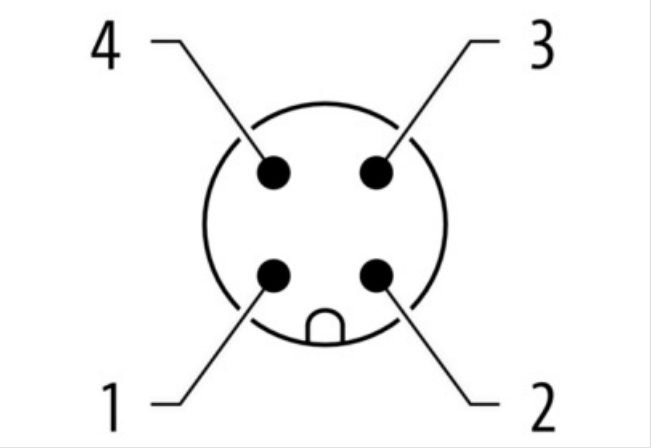
Male straight
M12, 4-pole
IDC terminals
Connection cross section: 0.25...0.5 mm²
V2A nut/screw
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

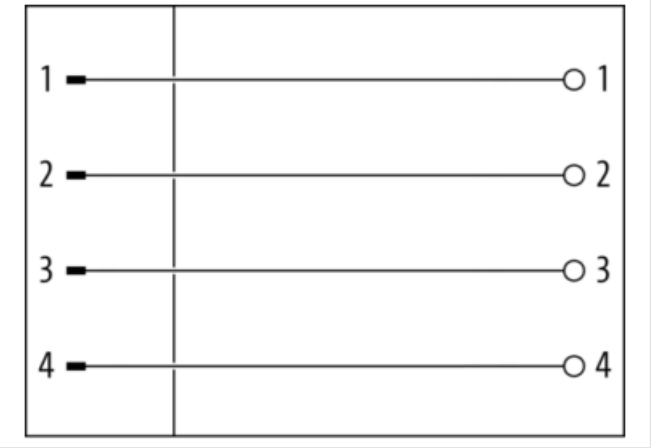
Link to Product

Illustration









Product may differ from Image

Side 1-1	
Family construction form	M12
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7002-12481-0000000

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

GTIN	4048879112116
EU-Customs tariff number	85366990
US-Customs tariff number	8536694020
ECLASS-6.0	27279220
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
ETIM-9.0	EC002635
ETIM-10.0	EC002635
customs tariff number	85366990
EAN	4048879112116
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	32 V
Operating voltage DC max.	32 V
Current operating per contact max.	4 A
Installation	
Single wire diameter min.	0.1 mm
Connection cross section min.	0.25 mm²
Connection cross section max.	0.5 mm²
Installation | Connection	
Tightening torque	0.6 Nm
Mounting set	M12 x 1
Wire insulation diameter min.	1.2 mm
Wire insulation diameter max.	1.6 mm
Device protection | Electrical	
Additional condition protection degree	inserted, screwed
Mechanical data | Material data	
Locking material	Stainless steel 1.4305 (V2A)
Mechanical data | Mounting data	
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	5.1 mm
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
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.
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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