

M12 male 0° A-cod. IDC4-pol., 0,14 - 0,34mm², 4,5 - 8,8mm, shielded

Art.No.: 7000-12551-0000000

Weight: 0.052

Country of origin: RO

Model designation: MSAL0-AC-T MOSA 0,14-0,34qmm

Male straight

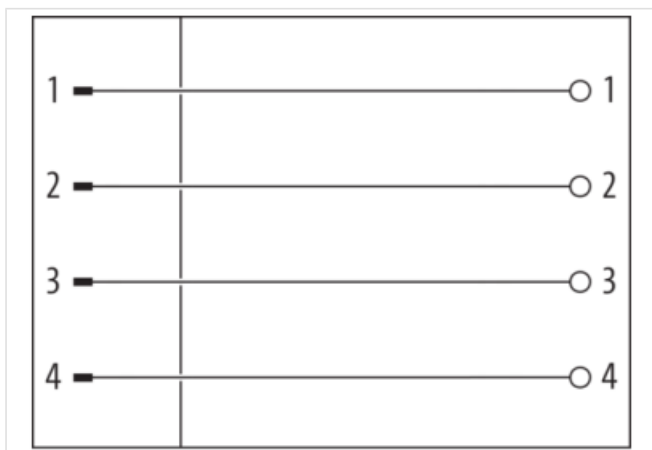
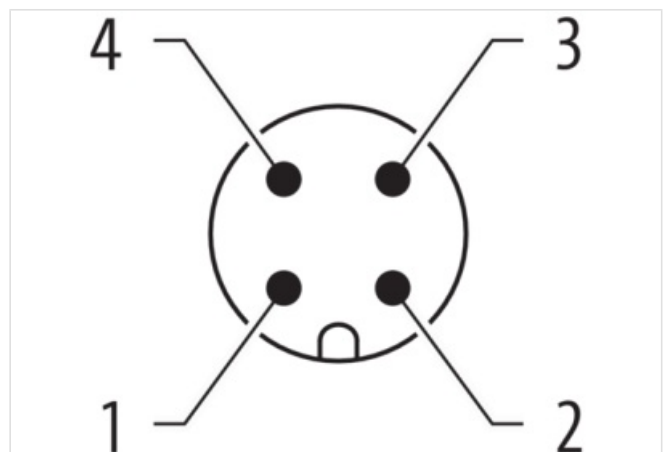
M12, 4-pole

IDC terminals

Connection cross section: 0.14...0.34 mm²

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

Degree of protection (EN IEC 60529)

IP67

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-12551-0000000
GTIN	4048879306027
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	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
EAN	4048879306027

Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	50 V
Current operating per contact max.	4 A

Installation

Single wire diameter min.	0.1 mm
Connection cross section min.	0.14 mm ²
Connection cross section max.	0.34 mm ²

Installation | Connection

Wire insulation diameter min.	1.2 mm
Wire insulation diameter max.	1.6 mm

Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Mechanical data | Mounting data

Height	52 mm
Width	19.5 mm
Depth	19.5 mm
Clamping range min.	5.5 mm
Clamping range max.	7.2 mm

Environmental characteristics | Climatic

Operating temperature min.	-25 °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.