

M12 female 0° A-cod. IDC3-pol., 0.5 - 1.0mm², 5,5 - 8mm

Female straight

M12, 3-pole

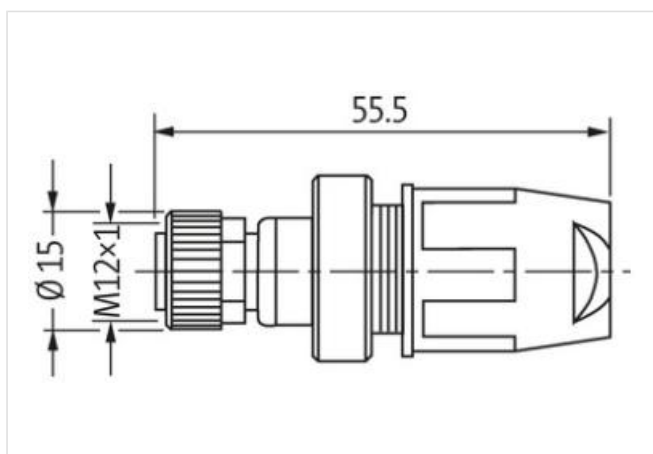
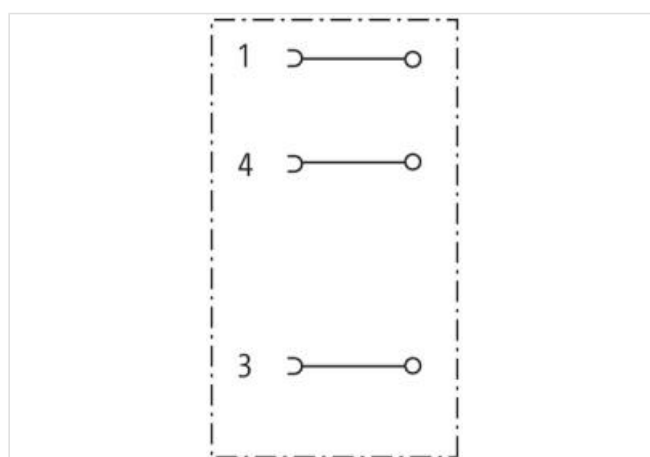
IDC terminals

Connection cross section: 0.5...1.0 mm²

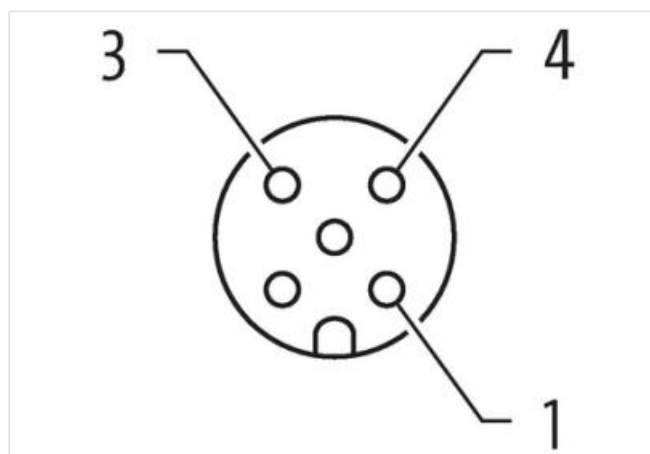
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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 a termékhez](#)**Ábrák**

Szimbolikus ábra

**Side 1**

Family construction form	M12
Degree of protection (EN IEC 60529)	IP67

Commercial data

ECLASS-6.0	27279221
ECLASS-7.0	27440104
ECLASS-8.0	27440104
ECLASS-9.0	27440102

ECLASS-10.1	27440102
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ETIM-5.0	EC002635
customs tariff number	85366990
GTIN	4048879201735
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

Connection cross section min.	0,5 mm ²
Connection cross section max.	1 mm ²
Single wire diameter min.	0,1 mm

Installation | Connection

Wire insulation diameter min.	1,6 mm
Wire insulation diameter max.	2 mm
Tightening torque	0,6 Nm

Device protection | Electrical

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

Mounting method	inserted, screwed, Shaking protection
Clamping range min.	5,5 mm
Clamping range max.	8 mm
Height	55 mm
Width	22 mm
Depth	22 mm

Environmental characteristics | Climatic

Operating temperature min.	-25 °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.