

M12 Power male 0° L-cod. IDC

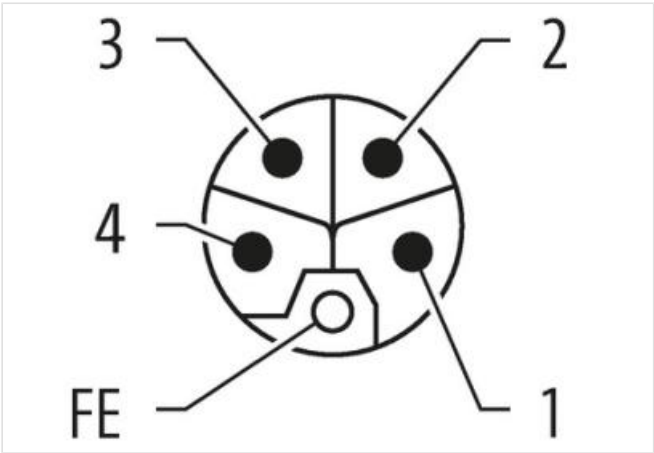
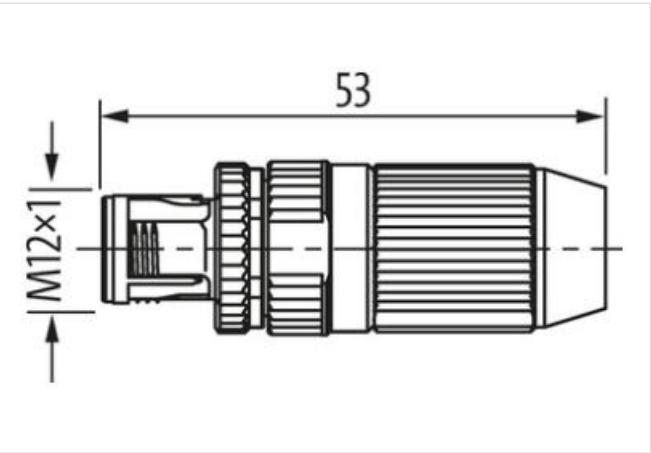
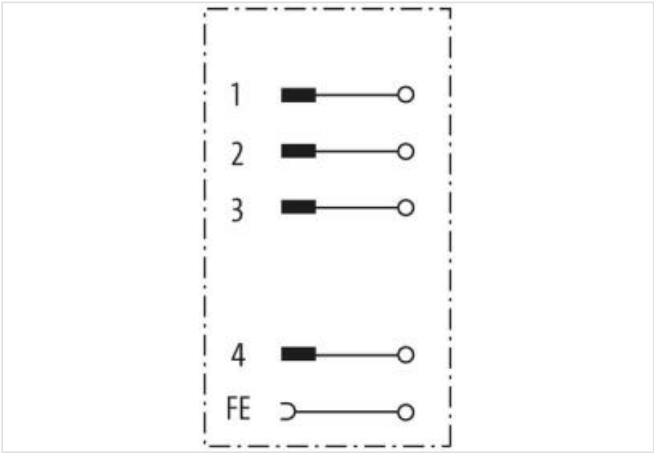
5-pol., 0,75 - 1,5mm², 5,8 - 13,5mm, shielded

Male straight
M12, 5-pole
L-coded
Field-wireable
IDC terminals
0.75...1.5 mm²
Sealing range (cable Ø)
5.8...13.5 mm

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	M12P
Coding	L

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	EC001855
customs tariff number	85366990
GTIN	4048879682541
Packaging unit	1

Electrical data | Supply

Operating voltage DC max.	63 V
Current operating per contact max.	12 A

Installation

Connection cross section max.	1,5 mm ²
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Installation | Connection

Tightening torque	0,6 Nm
Mounting set	M12 x 1
Width across flats	SW17
Mating cycles min.	500

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Coating housing	Nickeled
Coating contact	gold plated
Material housing	Zinc die-casting
Material contact carrier	PA

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
Clamping range min.	5,8 mm
Clamping range max.	13,5 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °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.