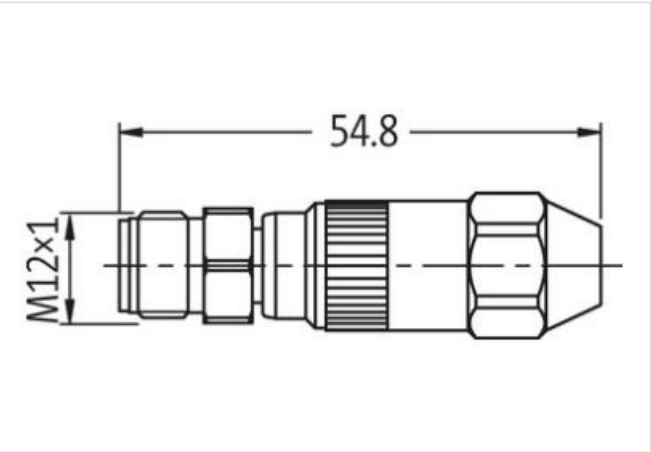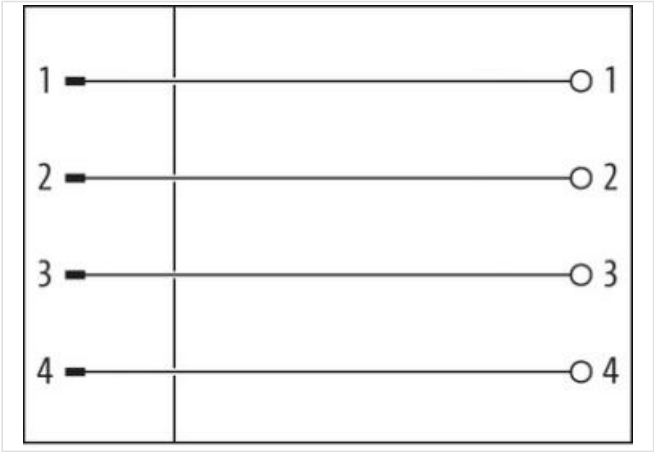## M12 male 0° IDC 2A

4-pol., 0.25 - 0.5mm²

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	
Family construction form	M12
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27260702
ECLASS-7.0	27440102
ECLASS-8.0	27440102

ECLASS-9.0	27440116
ECLASS-10.1	27440102
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ETIM-5.0	EC002635
customs tariff number	85366990
GTIN	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

Connection cross section min.	0,25 mm²
Connection cross section max.	0,5 mm²
Single wire diameter min.	0,1 mm

Installation | Connection

Wire insulation diameter min.	1,2 mm
Wire insulation diameter max.	1,6 mm
Tightening torque	0,6 Nm
Mounting set	M12 x 1

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

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.