

**M12 female 90° 3LED IDC SC**4-pol. 0.25...0.5mm<sup>2</sup>

Female 90°

The resistance to aggressive media should be individually tested for your application. Further details on request.

M12, 4-pole

3× LED (PNP)

IDC terminals

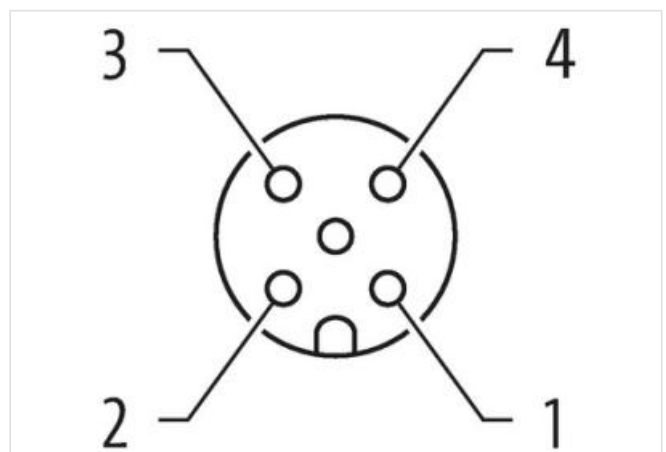
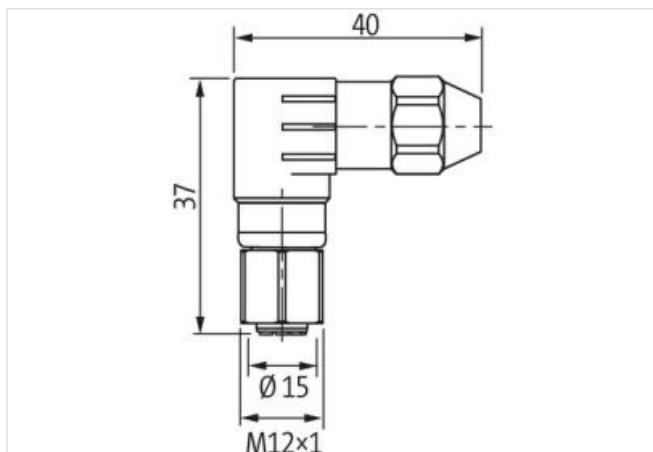
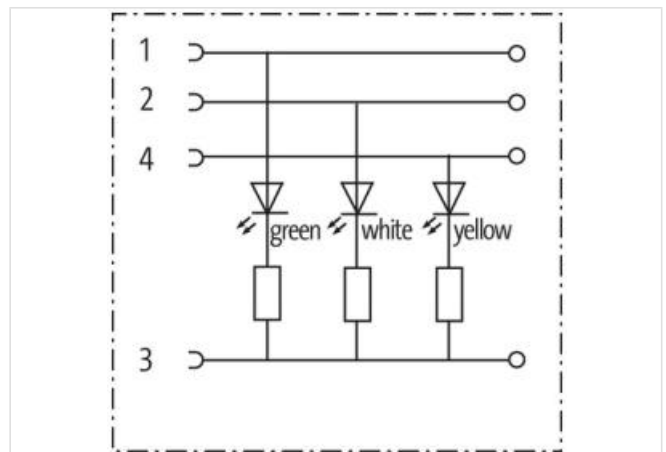
(NPN) on request

Stainless steel 1.4305 (V2A) PTFE coated

Connection cross section: 0.25...0.5 mm<sup>2</sup>

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

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)**Illustration**

Product may differ from Image

**Side 1**

Family construction form M12

Coding A

Degree of protection (EN IEC 60529) IP67

**Commercial data**

ECLASS-6.0 27279221

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	4048879467889
Packaging unit	1

#### Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A

#### Diagnostics

Status indication LED	green, white, yellow
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#### Installation

Connection cross section min.	0,25 mm <sup>2</sup>
Connection cross section max.	0,5 mm <sup>2</sup>
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
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	III

#### Mechanical data | Material data

Coating locking nut	PTFE beschichtet
Material gasket	FKM
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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.