

M12 female 90° A-cod. with cable LED NPN

PVC 3x0.34 gy CEI 2m

Female 90°

M12, 3-pole

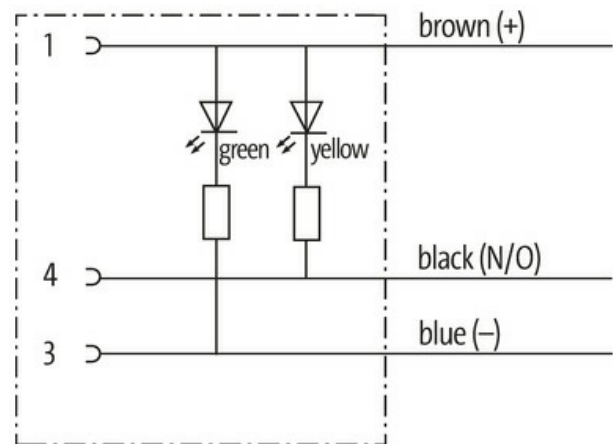
2x LED (NPN)

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.

Further cable lengths on request.

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

Female



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form

12385

Technical Data

Operating voltage	24 V DC $\pm 25\%$
Operating voltage (only UL listed)	max. 30 V AC/DC
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Coding	A-coded
Locking of ports	Screw thread (M12 \times 1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal \varnothing)	10 mm

General data

Standards	DIN EN 61076-2-101 (M12)
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	3 \times 0.34 mm ²
Wire isolation	PVC (br, bl, bk)
Outer \varnothing	4.6 mm $\pm 5\%$
Cable identification	305
Cable number	305
Approval (cable)	CE conform
Cable weight [g/m]	35,2 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω /km (20 °C)
Single wire \varnothing (core)	0.1 mm
Construction (core)	42 \times 0.1 mm (multi-strand wire class 6)
Diameter (core)	3 \times 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	PVC
Shore hardness (wire isolation)	80 ± 5 A
Wire- \varnothing incl. isolation	1.35 mm $\pm 5\%$
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	80 A
Outer- \varnothing (jacket)	4.6 mm $\pm 5\%$
Color (jacket)	gray
Jacket Color	gray
chemical resistance	good resistance to oil, gasoline and chemicals (CEI 20-22 II)
Nominal voltage	300 V AC
Test voltage	2500 V AC
Temperature range (fixed)	-30...+80 °C
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (moving)	10 \times outer \varnothing
Bend radius (moving)	10 \times outer \varnothing
Material (jacket)	PVC (CEI 20-22)

Commercial data

country of origin	DE
customs tariff number	85444290
eClass	27061801

Packaging unit

1.000