

**M12 FEMALE 90° LED**

PVC 3X0.34 GRAY, CEI-Norm 7m

Female 90°

M12, 3-pole

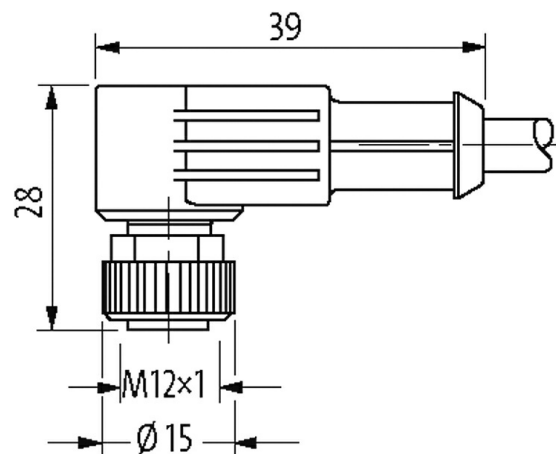
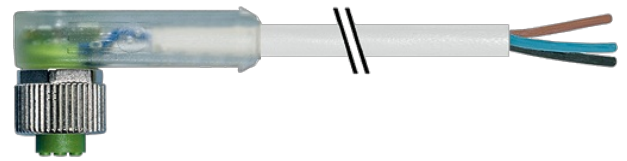
2× LED (PNP)

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.

**Illustration**

Product may differ from Image

**Approvals**

\* only for products with UL/CSA approved cable

cCSAus

**Form**

Form 12381

**General data**

Standards DIN EN 61076-2-101 (M12)

Mounting method inserted, tightened

Material (contact) Copper alloy

Material (contact surface) Au

Material (gasket) FKM

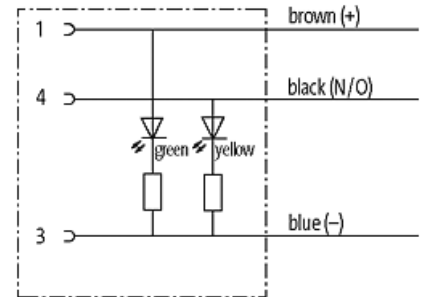
Pollution Degree 3

Stripping length (jacket) 20 mm

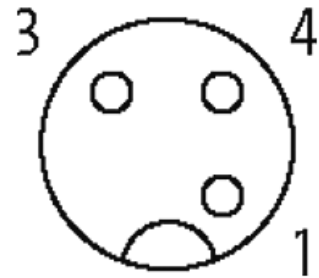
Temperature range -25...+85 °C, depending on cable quality

Cables	
Cable number	305
No./diameter of wires	3 × 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, bl, bk)
Outer Ø	4.6 mm ±5%
Jacket Color	gray
Material (jacket)	PVC (CEI 20-22)
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	305
Approval (cable)	CE conform
Cable weight [g/m]	35,20
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42 × 0.1 mm (multi-strand wire class 6)
Diameter (core)	3 × 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material (wire isolation)	PVC
Shore hardness (wire isolation)	80 ±5 A
Wire-Ø incl. isolation	1.35 mm ±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-Ø (jacket)	4.6 mm ±5%
Color (jacket)	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 (mobile)	-5...+80 °C
Bend radius (moving)	10 × outer Ø
Technical Data	
Operating voltage	24 V DC ±25%
Operating voltage (only UL listed)	30 V DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	(yellow/green)
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	10 mm
Commercial data	
country of origin	DE

customs tariff number	85444290
EAN	4048879204620
eClass	27279218
Packaging unit	1

**Sketch**

## Female



Product may differ from Image