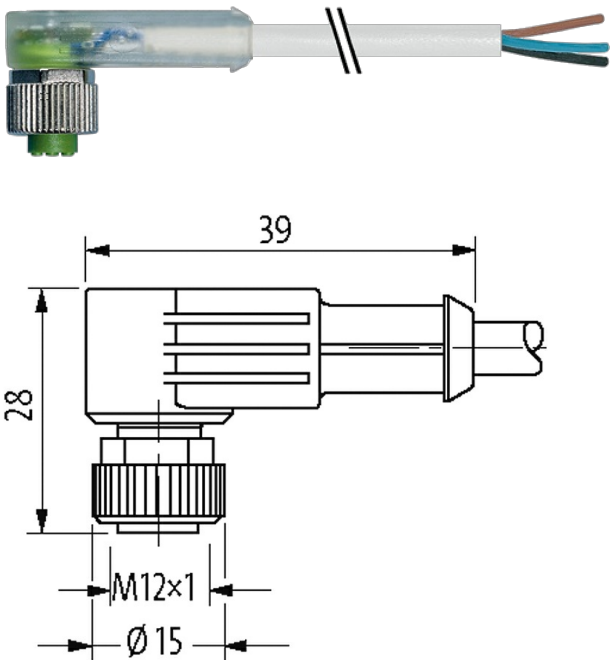


M12 FEMALE 90° LED NPN

PVC 3X0.34 GRAY, CEI-Norm 5m

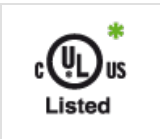
Female 90°
M12, 3-pole
2× LED (NPN)
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

Illustration



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

Form

Form 12385

General data

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

Cables

Cable number	305
No./diameter of wires	3× 0.34 mm²
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 mm²
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)	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 (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	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

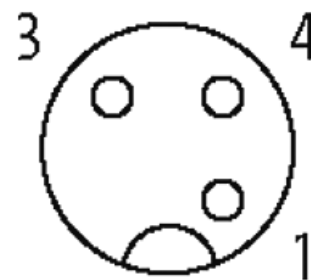
Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879204248
eClass	27279218
Packaging unit	1

Sketch

stay connected

Female



Product may differ from Image