

M12 male 90° / M12 female 90° A-cod.

PVC 5x0.34 bk 0.6m

Male 90° – female 90°

M12 – M12, 5-pole

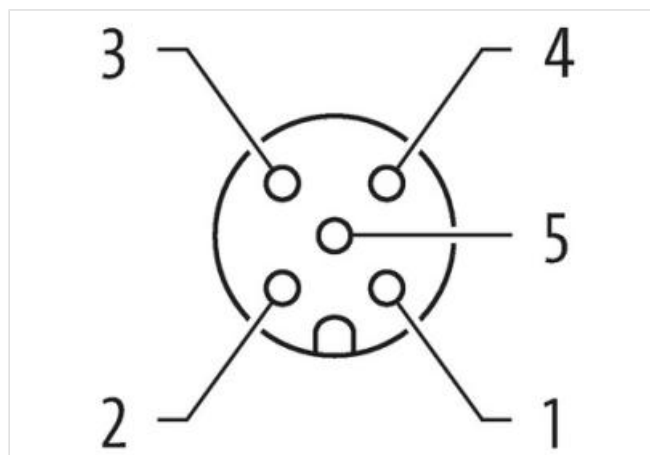
with cable sleeves

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

Plastic housings with good resistance against chemicals and oils.

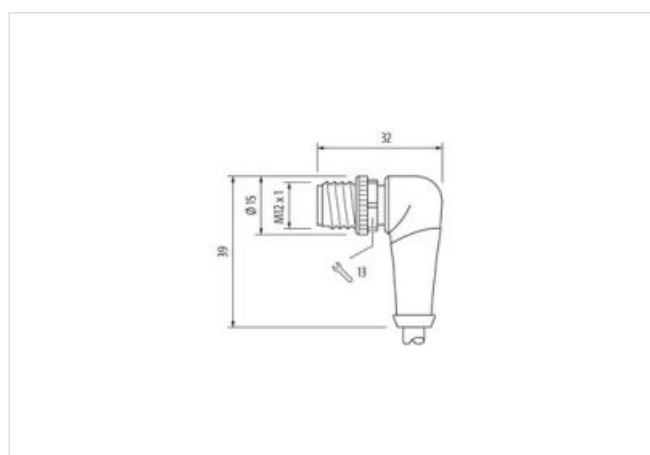
The resistance to aggressive media should be individually tested for your application. Further details on request.

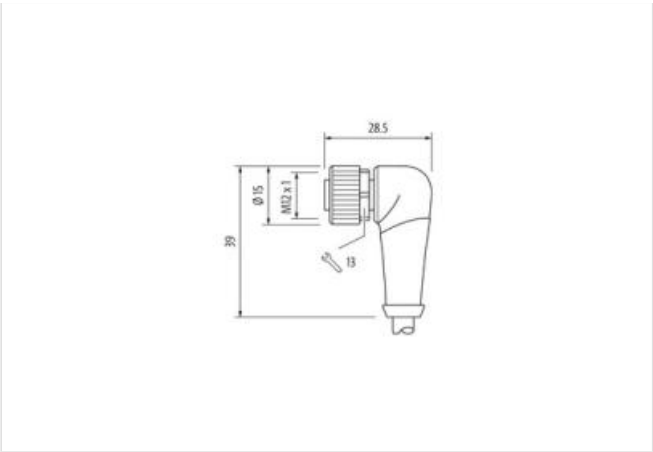
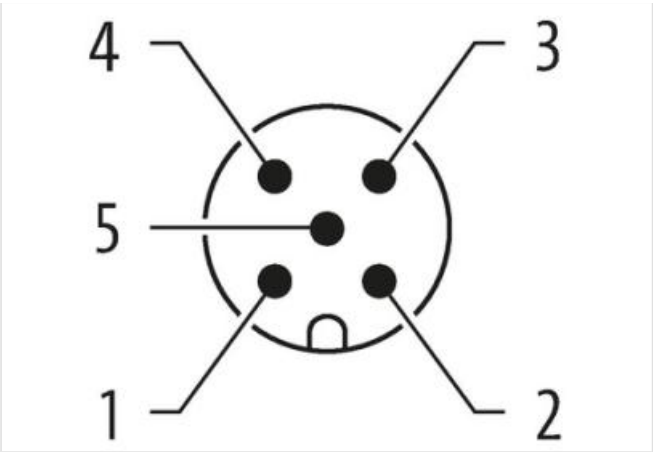
Further cable lengths on request.

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

1	brown (+)	1
2	white (N/C)	2
4	black (N/O)	4
3	blue (-)	3
5	gn/ye (* gray)	5

(* for cable type 126, 732, 219, 619)





Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
取引条件	
ECLASS-6.0	27061801
HSコード	85444290
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no

Installation | Connection

Mounting setM12 x 1

Device protection | Electrical

Additional condition protection degreeinserted, screwed
Pollution Degree3
Rated surge voltage1,5 kV
Material group (IEC 60664-1)I

Mechanical data | Material data

Coating lockingNickeled
Coating of fittingnickel plated
Locking materialZinc die-casting
Material screw connectionZinc die-casting

Mechanical data | Mounting data

Mounting methodinserted, screwed, Shaking protection

Environmental characteristics | Climatic

Operating temperature min.-25 °C
Operating temperature max.85 °C
Additional condition temperature rangedepending on cable quality

Conformity

Product standardDIN EN 61076-2-101 (M12)

Installation | Cable

Cable identification729
Jacket Colorblack
Amount stranding1
Stranding5 wires around Core filler twisted
Filleryes
wire arrangementbrown, black, blue, white, gray
Cable weighth59,51 g/m
Material jacketPVC
Shore hardness jacket85 ± 5 Shore A
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)5,9 mm
Tolerance outer diameter (sheath)± 5 %
Material wire insulationPVC
Amount wires5
Outer diameter insulation1,5 mm
Outer diameter tolerance core insulation± 5 %
Shore hardness wire insulation45 ± 5 Shore D
Material properties wire insulationgood machinability
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)19
Diameter of single wires0,15 mm
Conductor crosssection (wire)0,34 mm²
Material conductor wireStranded copper wire, bare
Conductor type (wire)Strand class 5
Current load capacity (standard)to DIN VDE 0298-4
Current load capacity min. wire4,5 A
Electrical resistance line constant wire57 Ω/km @ 20 °C
Nominal voltage power AC max.300 V
Power frequency withstand voltage power (wire - jacket)2 kV @ 60 s
AC withstand voltage power (wire - wire)2 kV @ 60 s

Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter