

M12 male 0° / M12 female 90° A-cod.

PUR 5x0.34 gy UL/CSA 2.5m

Male straight – female 90°

⚠ NOTICE ⚠**PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

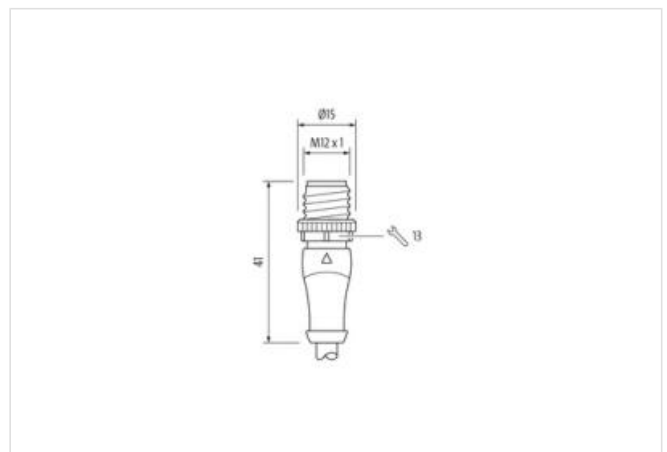
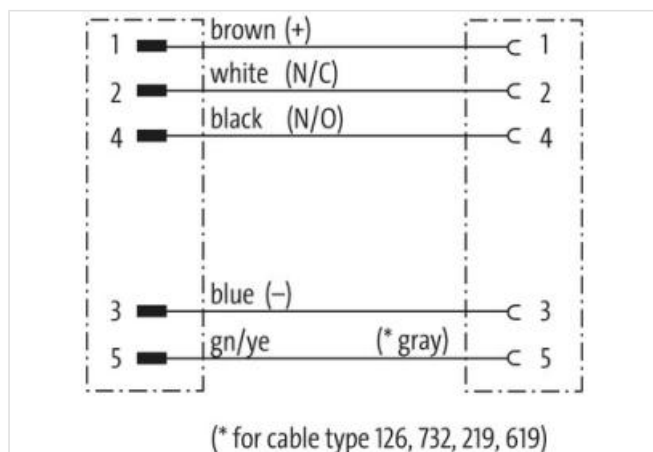
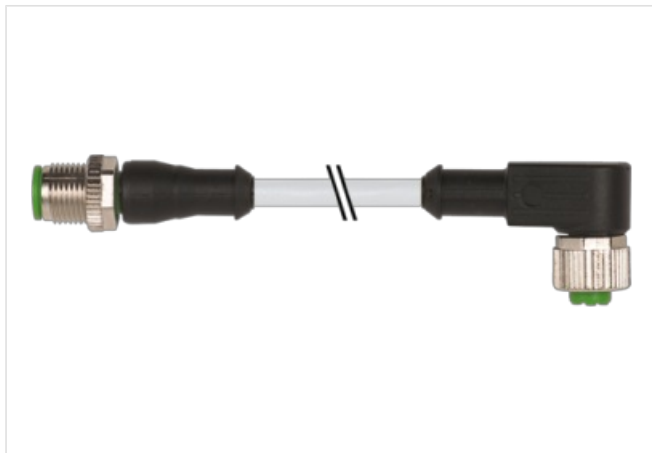
M12 – M12, 5-pole

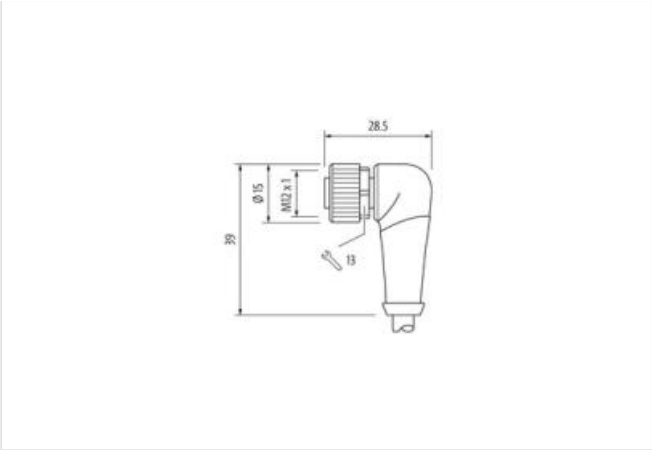
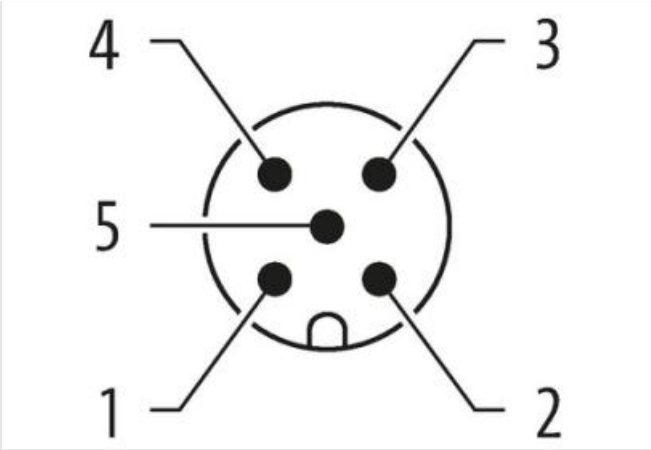
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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 naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



Cable length	2,5 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
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
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commerciële gegevens	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
Douane tarief nummer	85444290

GTIN 4048879176767

Verpakkingseenheid 1

Electrical data | Supply

Operating voltage AC max. 125 V
 Operating voltage DC max. 125 V
 Operating voltage AC (UL-listed) 30 V
 Operating voltage DC (UL-listed) 30 V
 Current operating per contact max. 4 A

Installation | Connection

Mounting set M12 x 1

Device protection | Electrical

Additional condition protection degree inserted, screwed
 Pollution Degree 3
 Rated surge voltage 1,5 kV
 Material group (IEC 60664-1) I

Mechanical data | Material data

Coating locking Nickeled
 Coating of fitting nickel plated
 Locking material Zinc die-casting
 Material screw connection Zinc die-casting

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

Environmental characteristics | Climatic

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

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 **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Conformity

Product standard DIN EN 61076-2-101 (M12)

Cable

Cable identification 225
 Cable Type 2 (PUR/PVC)
 Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform
 Cable weight [g/m] 54,78 g
 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) 5× 0.34 mm²
 AWG similar to AWG 22
 Material wire isolation PVC
 Material property wire insulation CFC-, cadmium-, silicone- and lead-free
 Shore hardness wire isolation 43 ±5 D
 Wire-Ø incl. isolation 1.25 mm ±5%
 Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped
 Stranding combination 5 wires twisted around central filler
 Shield no
 Material jacket PUR/PVC

Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 $\pm$ 5 A (PVC-under jacket); 85 $\pm$ 5 A (PUR-jacket)
Outer-Ø (jacket)	5.0 mm $\pm$ 5%
Color jacket	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²