

**M12 male 0° / M12 female 90° A-cod.**

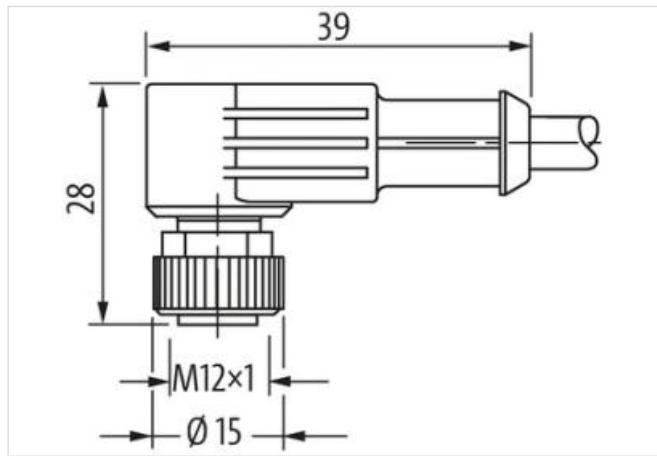
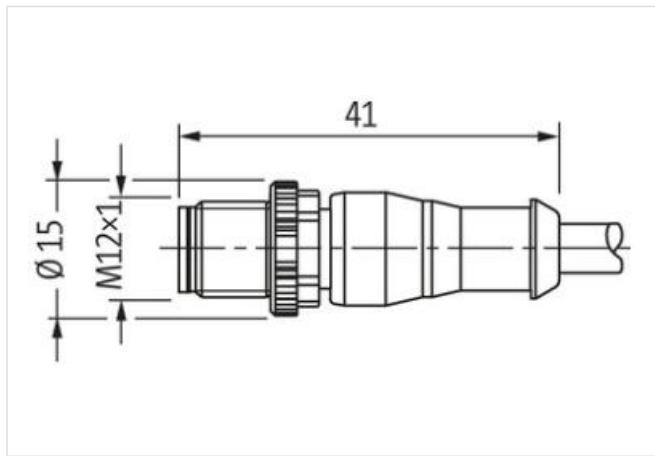
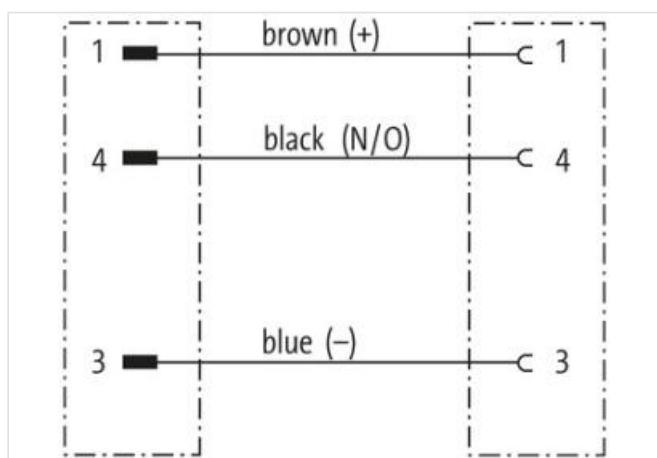
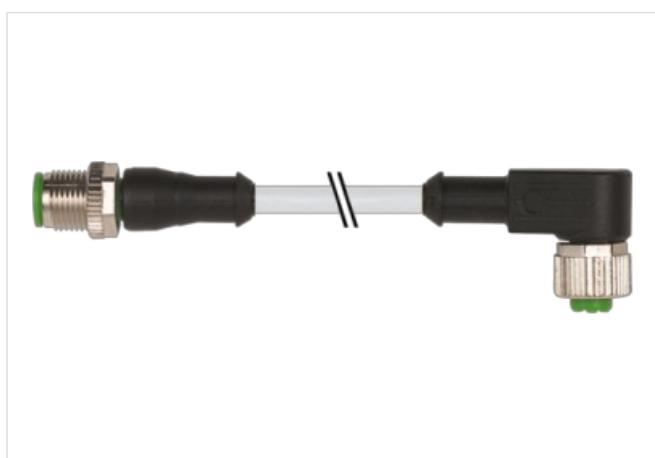
PVC 3x0.34 gy UL/CSA 0.3m

Male straight – female 90°

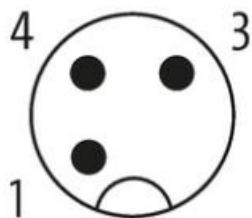
M12 – M12, 3-pole

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

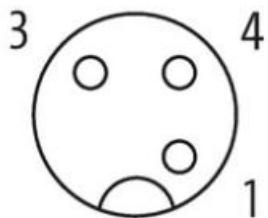
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.**Link to Product****Illustration**

Male



Female



Product may differ from Image



\* only for products with UL/CSA approved cable

#### Form

Form 40101

#### Technical Data

Operating voltage	max. 250 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	2.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Coding	A-coded
Locking of ports	Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	10 mm
Compression gland	M12 (SW13)

#### General data

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

#### Cables

No./diameter of wires	3x 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, bl, bk)
Outer Ø	4.6 mm ±5%
Cable identification	213
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	34.1 g
Material (wire)	Cu wire, bare

Resistor (core)	max. 60 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19x 0.15 mm (multi-strand wire class 5)
Diameter (core)	3x 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	4.6 mm ±5%
Color (jacket)	gray
Jacket Color	gray
Cable print	-
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
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 (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	5x outer Ø
Bend radius (moving)	10x outer Ø
Bend radius (moving)	10x outer Ø
Material (jacket)	PVC (UL/CSA)
Product article number of manufacturer	7000-40101-2130030
Cable length	0,3 m