

**M12 female 0° A-cod. with cable**

PUR 12x0.14 bk UL/CSA+drag ch. 50m

Female straight

M12, 12-pole

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

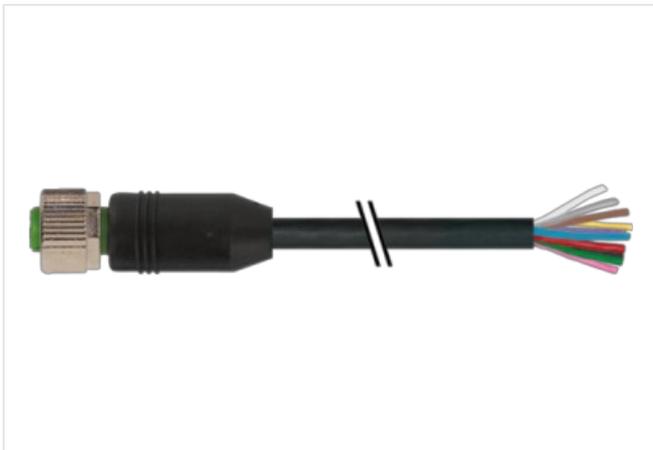
Plastic housings with good resistance against chemicals and oils.

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

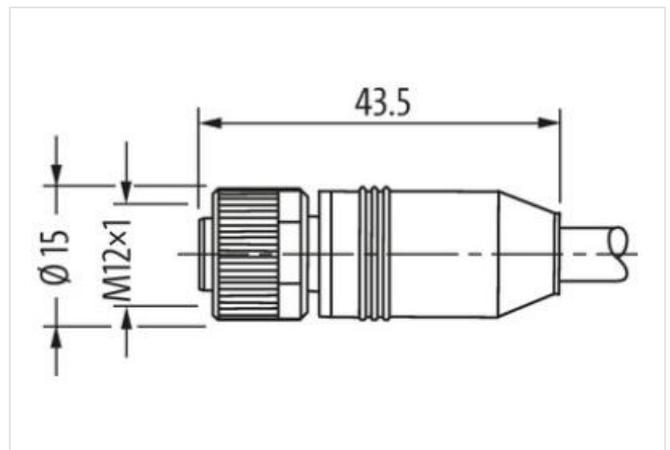
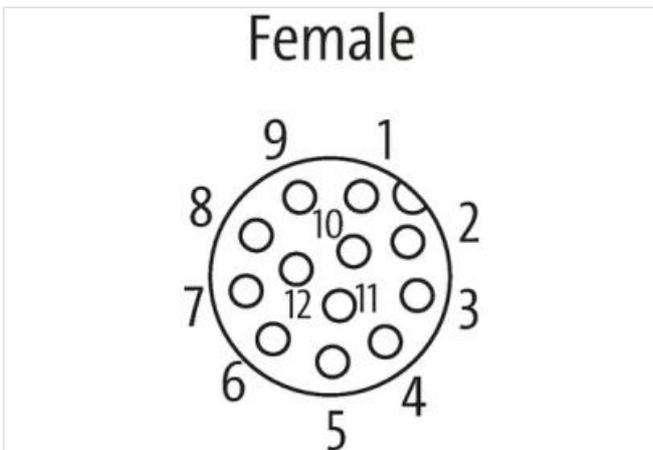
Further cable lengths on request.

[Link to Product](#)

**Illustration**



1	↷	brown
2	↷	blue
3	↷	white
4	↷	green
5	↷	pink
6	↷	yellow
7	↷	black
8	↷	gray
9	↷	red
10	↷	violet
11	↷	gray/pink
12	↷	red/blue



Product may differ from Image



\* only for products with UL/CSA approved cable

**Form**

Form 19041

**Technical Data**

Operating voltage	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 1.5 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
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)	without
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	12× 0.14 mm <sup>2</sup>
Wire isolation	PP (br, bl, wh, gn, pk, ye, bk, gr, rd, vi, grpk, rdbl)
C-track properties	2 Mio.
Outer Ø	6.0 mm ±5%
Cable identification	705
Approval (cable)	UL (AWM-Style 20233/10493), CSA; CE conform
Cable weight [g/m]	45,1 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 138 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	18× 0.1 mm (multi-strand wire class 6)
Diameter (core)	12× 0.14 mm <sup>2</sup>
AWG	similar to AWG 26
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Wire-Ø incl. isolation	1.0 mm ±5%
Color/numbering of wires	br, rd, gr, bk, ye, pk, gn, wh, bl, rdbl, grpk, vi
Shield	no
Material (jacket)	PUR
Shore hardness (jacket)	92 ±5 A
Outer-Ø (jacket)	6.0 mm ±5%
Color (jacket)	black
Jacket Color	black
Cable print	-
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
Nominal voltage	300 V AC
Test voltage	1500 V AC
Temperature range (fixed)	-40...+85 °C
Temperature range (fixed)	-40...+85 °C
Temperature range (mobile)	-25...+85 °C
Temperature range (mobile)	-25...+85 °C
Bend radius (fixed)	7.5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× 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 <sup>2</sup>
Torsion stress	±180°/m
Material (jacket)	PUR (UL/CSA)
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Product article number of manufacturer	7000-19041-7055000
Cable length	50 m