

M12 female 0° with cable

PUR 12x0.14 bk UL/CSA+drag chain 1m

Female straight

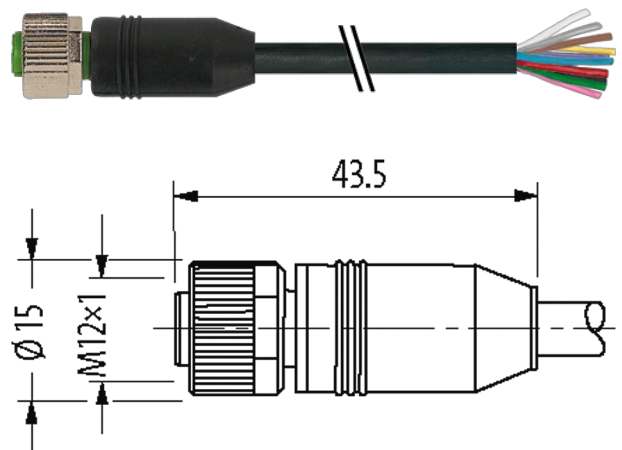
M12, 12-pole

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**

Product may differ from Image

Approvals

cCSAus * only for products with UL/CSA approved cable

Form

Form 19041

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	12x 0.14 mm ²
Wire isolation	PP (br, bl, wh, gn, pk, ye, bk, gr, rd, vi, grpk, rdbl)
C-track properties	2 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.0 mm ±5%
Bend radius (moving)	10x outer Ø
Temperature range (fixed)	-40...+85 °C
Temperature range (mobile)	-25...+85 °C
Cable identification	705

Approval (cable)	UL (AWM-Style 20233/10493), CSA; CE conform
Cable weight [g/m]	45,10
Material (wire)	Cu wire, bare
Resistor (core)	max. 138 Ω /km (20 °C)
Single wire \varnothing (core)	0.1 mm
Construction (core)	18x 0.1 mm (multi-strand wire class 6)
Diameter (core)	12x 0.14 mm ²
AWG	similar to AWG 26
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Wire- \varnothing incl. isolation	1.0 mm \pm 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 \pm 5 A
Outer- \varnothing (jacket)	6.0 mm \pm 5%
Color (jacket)	black
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 (mobile)	-25...+85 °C
Bend radius (fixed)	7.5x outer \varnothing
Bend radius (moving)	10x outer \varnothing
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Torsion stress	\pm 180°/m
Jacket Color	black

Technical Data

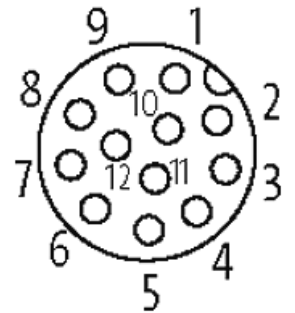
Operating voltage	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 1.5 A
Material group	IEC 60664-1, category I
Coding	A-coded
Locking of ports	Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal \varnothing)	without

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879668071
eClass	27279218
Packaging unit	1

Sketch

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

Female

Product may differ from Image