

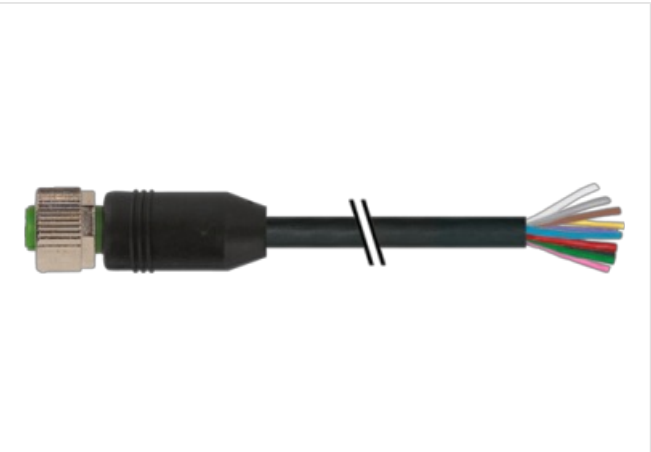
M12 female 0° A-cod. with cable

PVC 12x0.14 bk 15m

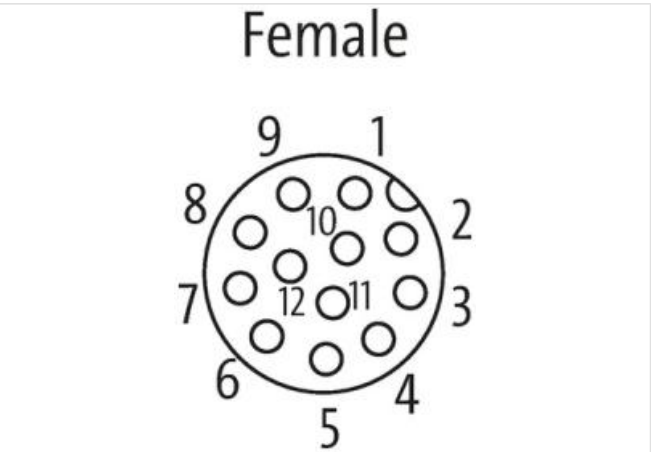
Female straight  
M12, 12-pole  
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request  
with cable sleeves  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

Link to Product

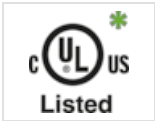
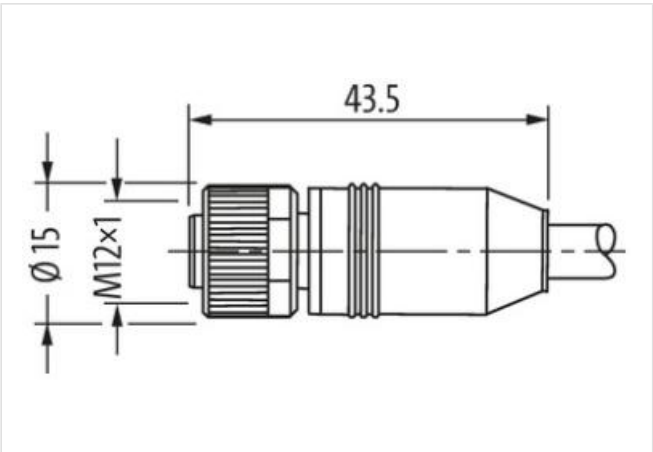
Illustration



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
Operating voltage (only UL listed)	30V 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)
<b>General data</b>	
Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
<b>Cables</b>	
Cable identification	702
Cable Type	1 (PVC)
Approval (cable)	CE conform
Cable weight [g/m]	55 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)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	85 ±5 A
Wire-Ø incl. isolation	1.0 mm ±5%
Color/numbering of wires	br, rd, gr, bk, ye, pk, gn, wh, bl, rdbl, grpk, vi
Stranding combination	Twisted wires rdbl, grpk and vi, over it all other wires are twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	75 ±5 A
Outer-Ø (jacket)	6.0 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	300 V
Test voltage	1500 V AC
Temperature range (fixed)	-30...+70 °C
Temperature range (mobile)	-5...+70 °C
Bend radius (moving)	10× outer Ø
Product article number of manufacturer	7000-19041-7021500
Cable length	15 m