

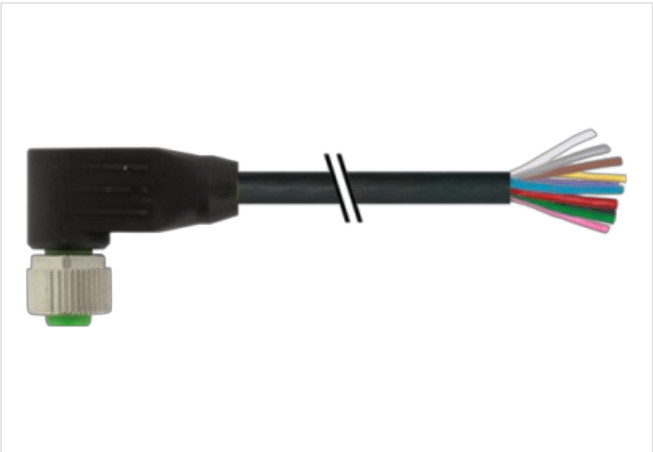
M12 female 90° A-cod. with cable

PVC 12x0.14 bk 30m

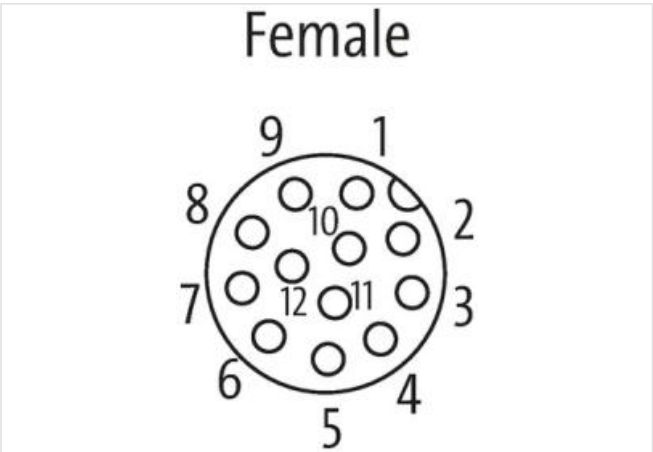
Female 90°
M12, 12-pole
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request
with cable sleeves
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

Link to Product

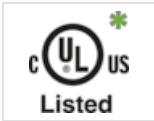
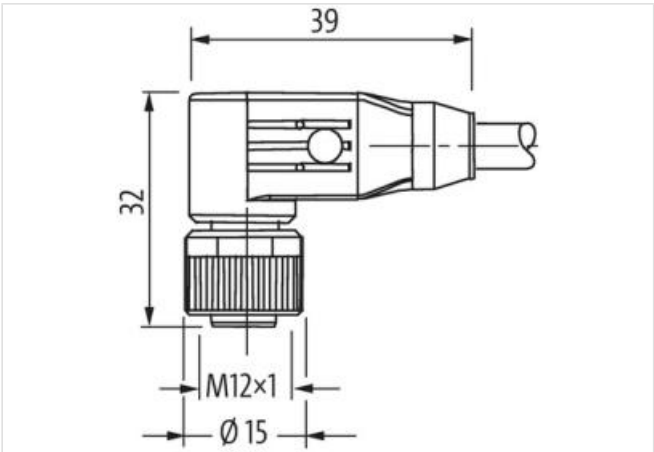
Illustration



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 19061

Technical Data

Operating voltage max. 30 V AC/DC

Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 1.5 A
No. of poles	12
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)
Locking material	Zinc die casting, matte nickel plated
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

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 mm²
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	7000-19061-7023000
Cable length	30 m