

M12 female 0° A-cod. with cable

TPE 4x18AWG ye UL/CSA. ITC/PLTC 1m

Cable is approved for 600 V

Female straight

M12, 4-pole

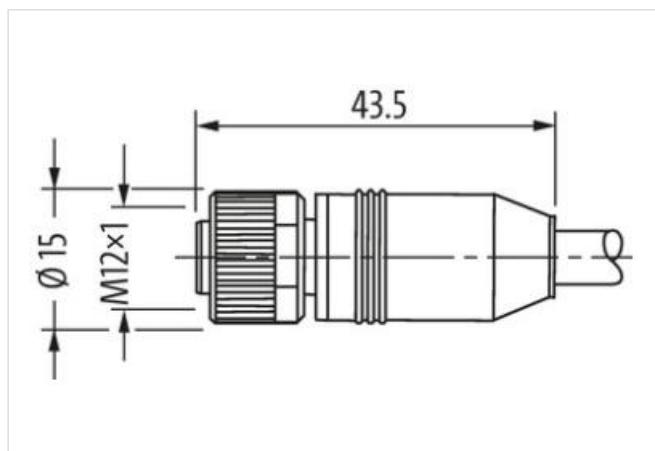
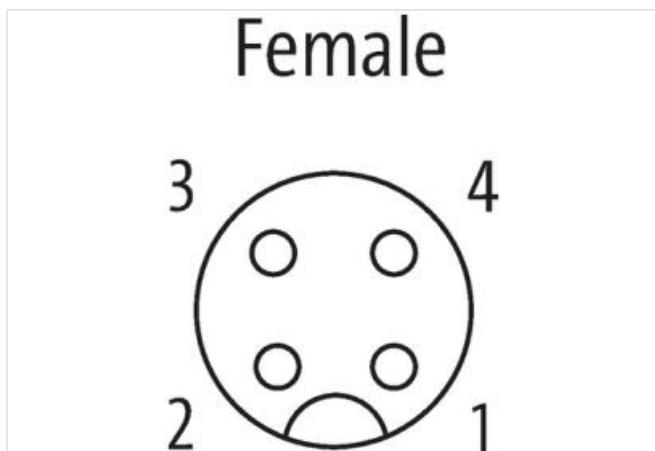
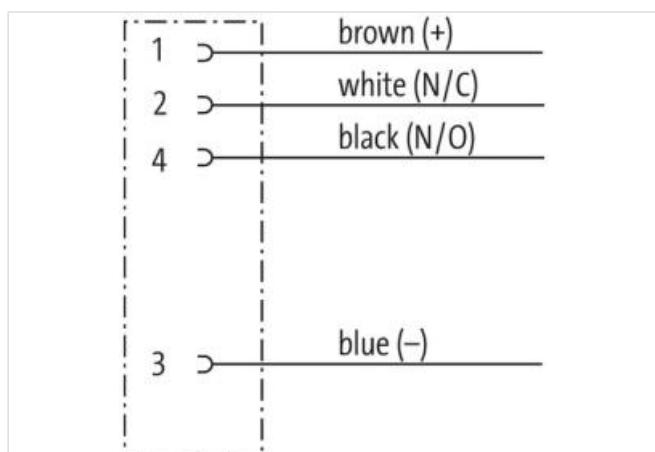
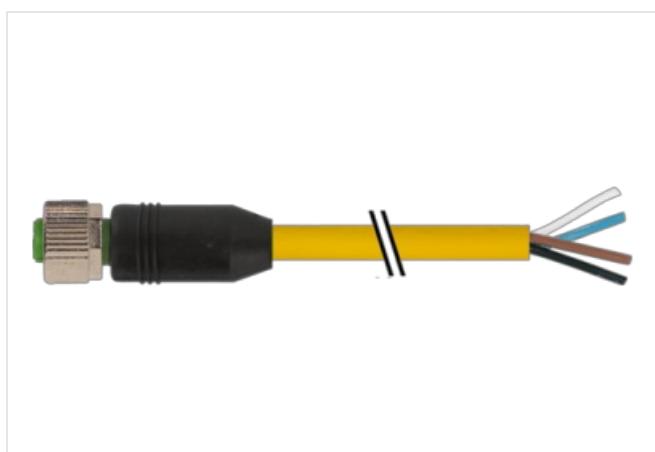
USA

Cable is approved for 600 V

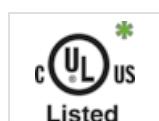
Plastic housings with good resistance against chemicals and oils.

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



* only for products with UL/CSA approved cable

Form

Form

12221

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
No. of poles	4
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
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
Stripping length (jacket)	20 mm
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	4x 0.75 mm ²
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	10 Mio.
Outer Ø	7.2 mm ±5%
Cable identification	150
Cable Type	TPE
Approval (cable)	UL (AWM-Style 20626/10708), CSA; CE conform
Cable weight [g/m]	78,57 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 22.5 Ω/km (20 °C)
Single wire Ø (core)	0.234 mm
Construction (core)	19x 0.254 mm (multi-strand wire class 5)
Diameter (core)	4x AWG18/19
Material (wire isolation)	PVC
Wire-Ø incl. isolation	1.93 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	TPE
Outer-Ø (jacket)	7.2 mm ±5%
Color (jacket)	yellow
Jacket Color	yellow
thermal resistance	flame retardant
Nominal voltage	600 V AC
Test voltage	4000 V
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+105 °C
Temperature range (fixed)	-40...+105 °C
Temperature range (mobile)	-20...+90 °C
Temperature range (mobile)	-20...+90 °C
Bend radius (fixed)	10x outer Ø
Bend radius (moving)	15x outer Ø
Bend radius (moving)	15x outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)

Torsion stress	±180°/m
No. of torsion cycles	max. 3 Mio. (25 °C)
Material (jacket)	TPE (UL/CSA)
Product article number of manufacturer	7700-12221-1500100
Cable length	1 m