

**M12 male 90° / M12 female 0° A-cod.**

TPE 5x18AWG ye UL/CSA. ITC/PLTC 0.6m

Cable is approved for 600 V

Male 90° – female straight

M12 – M12, 5-pole

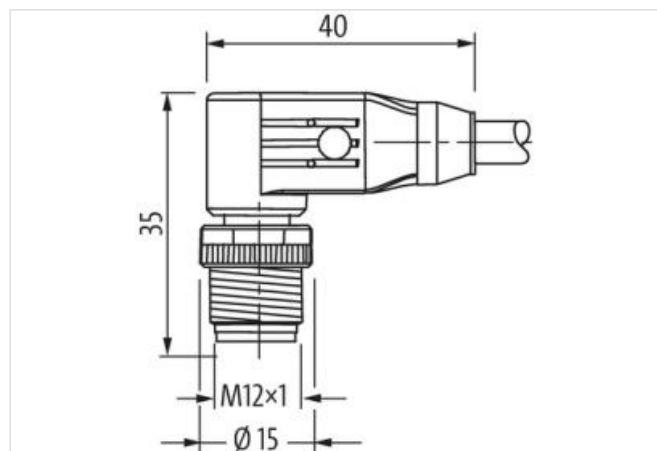
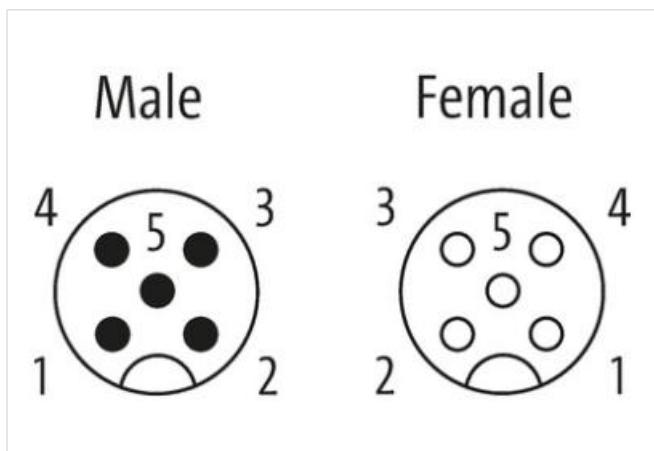
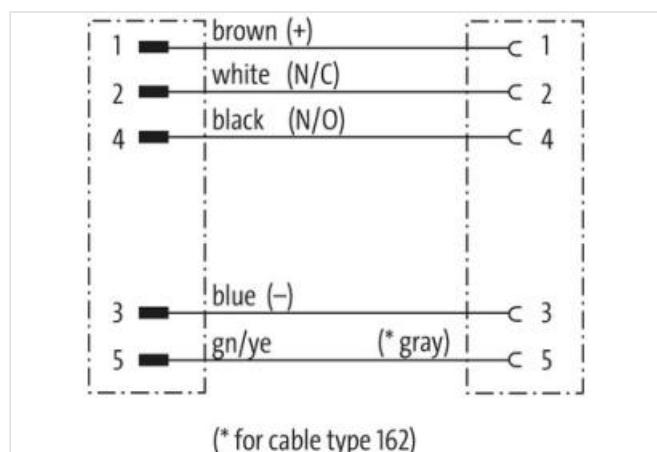
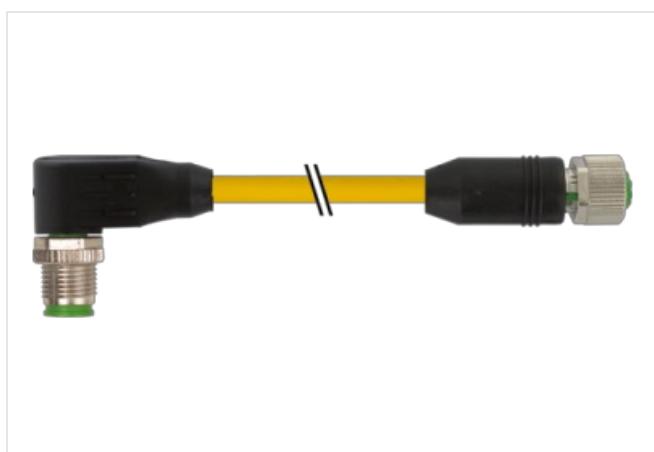
USA

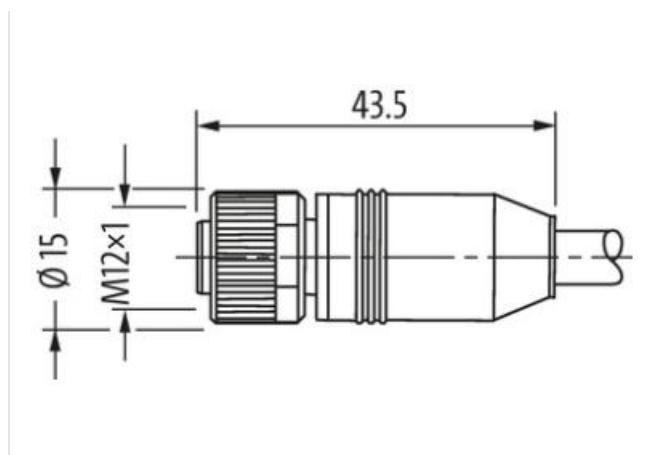
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Plastic housings with good resistance against chemicals and oils.

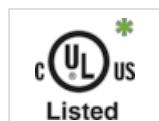
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)**Illustration**



Product may differ from Image



\* only for products with UL/CSA approved cable

#### Form

Form	40221
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#### Technical Data

Operating voltage	max. 125 V AC/DC
Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	5
Material group	IEC 60664-1, category I
Coding	A-coded
Locking of ports	Screw thread (M12x1 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

Cable identification	161
Cable Type	TPE
Approval (cable)	UL (AWM-Style 20626/10708), CSA; CE conform
Cable weight [g/m]	92,49 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)	5x AWG18/19
Material (wire isolation)	PVC

Wire-Ø incl. isolation	1.93 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material (jacket)	TPE
Outer-Ø (jacket)	7.7 mm ±5%
Color (jacket)	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 (mobile)	-20...+90 °C
Bend radius (fixed)	10x 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)
Product article number of manufacturer	7700-40221-1610060
Cable length	0,6 m