

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

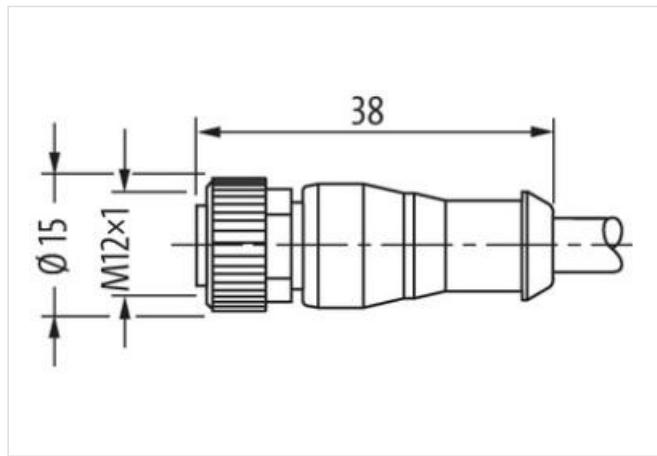
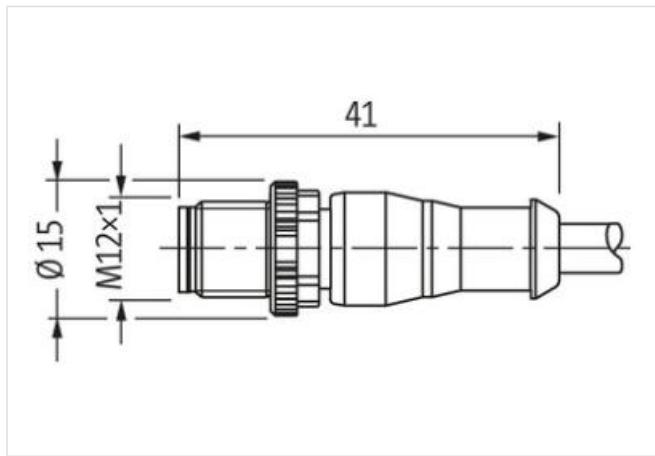
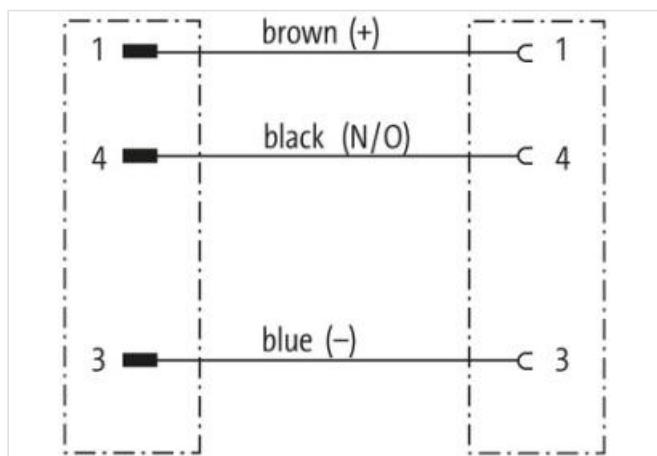
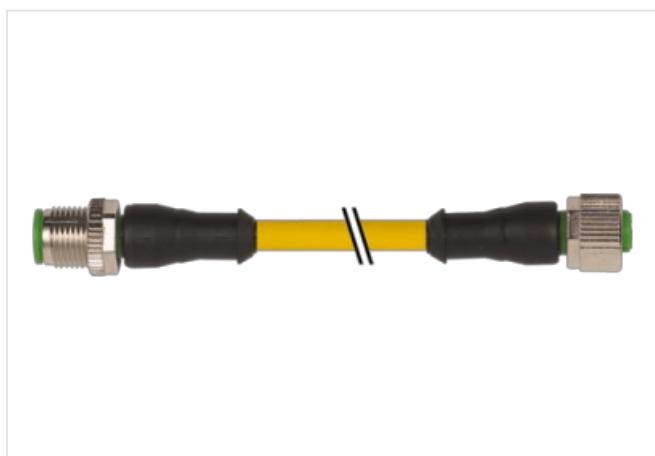
TPE 3x22AWG ye UL/CSA. ITC/PLTC 10m

Male straight – female straight

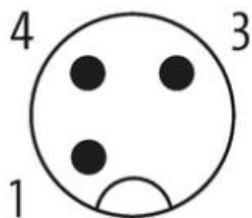
M12 – M12, 3-pole

USA

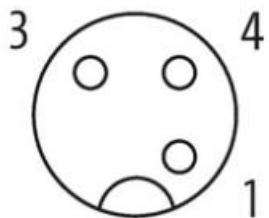
Plastic housings with good resistance against chemicals and oils.

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**

Male



Female



Product may differ from Image



\* only for products with UL/CSA approved cable

#### Form

Form	40001
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#### Technical Data

Operating voltage	max. 250 V AC/DC
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Rated surge voltage	2.5 kV
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No. of poles	3
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Material group	IEC 60664-1, category I
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#### General data

Mounting method	inserted, tightened
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Pollution Degree	3
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Temperature range	-25...+85 °C, depending on cable quality
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#### Cables

Cable identification	U03
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Approval (cable)	UL (AWM-Style 20626/1731), CSA; CE conform
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Cable weight [g/m]	35,97 g
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Material (wire)	Cu wire, bare
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Resistor (core)	max. 46.9 Ω/km (20 °C)
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Single wire Ø (core)	0.16 mm
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Construction (core)	19 × 0.16 mm (multi-strand wire class 5)
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Diameter (core)	1 × 3 × AWG22/19 (0.382)
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Material (wire isolation)	semi-rigid PVC
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Wire-Ø incl. isolation	1.27m ±5%
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Color/numbering of wires	br, bk, bl
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Stranding combination	3 wires twisted
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Material (jacket)	TPE
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Outer-Ø (jacket)	4.9 mm ±5%
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Color (jacket)	yellow
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Jacket Color	yellow
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chemical resistance	good resistance to oil, gasoline and chemicals
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thermal resistance	flame retardant
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Nominal voltage	300 V AC
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Test voltage	2000 V AC
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Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+105 °C
Temperature range (mobile)	-20...+90 °C
Bend radius (fixed)	5x outer Ø
Bend radius (moving)	10x outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Torsion stress	±180°/m
Product article number of manufacturer	7700-40001-U031000
Cable length	10 m