

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

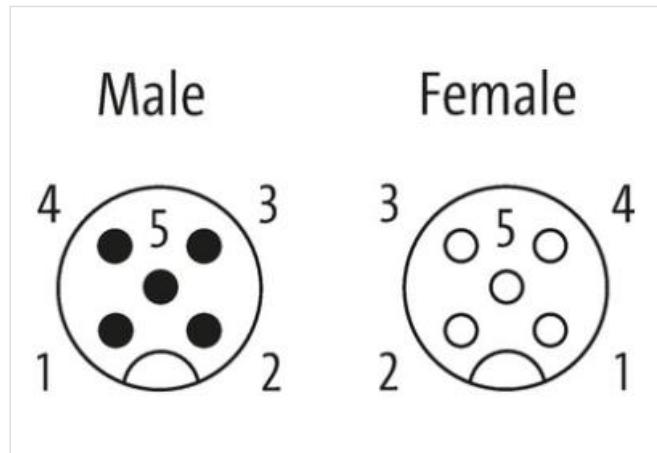
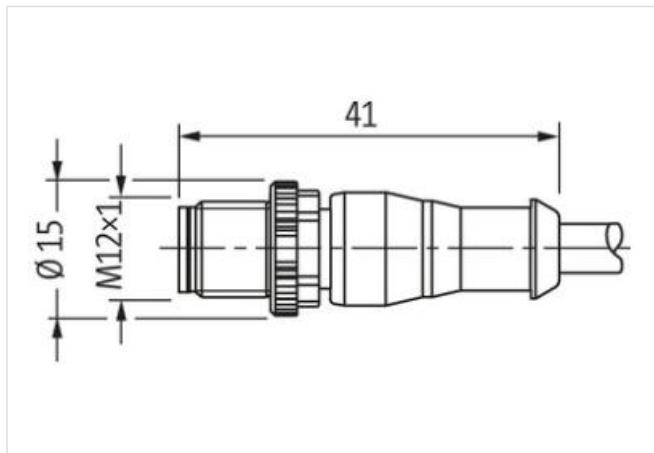
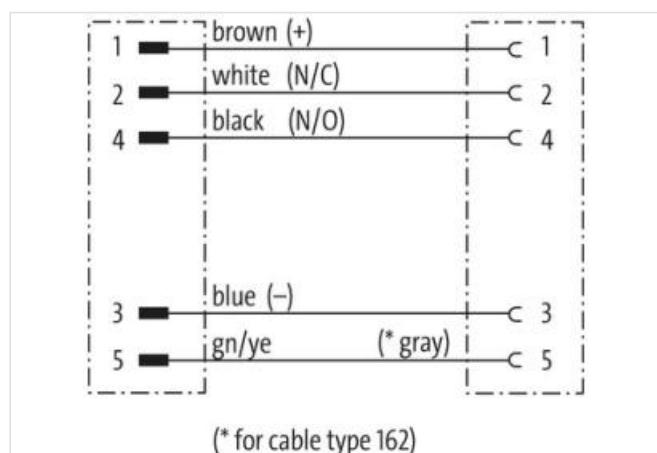
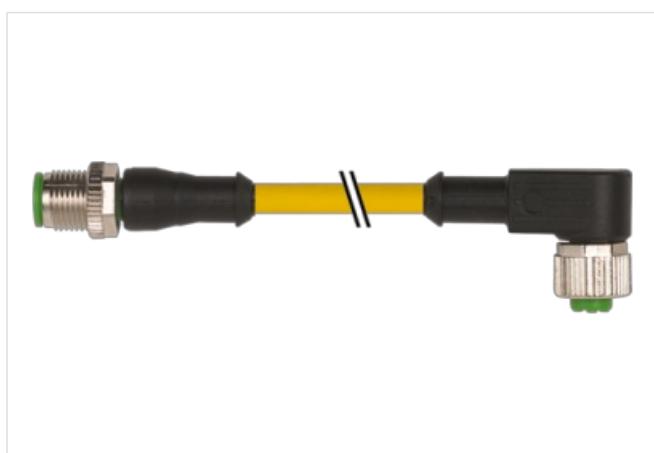
TPE 5x22AWG ye UL/CSA. ITC/PLTC 2m

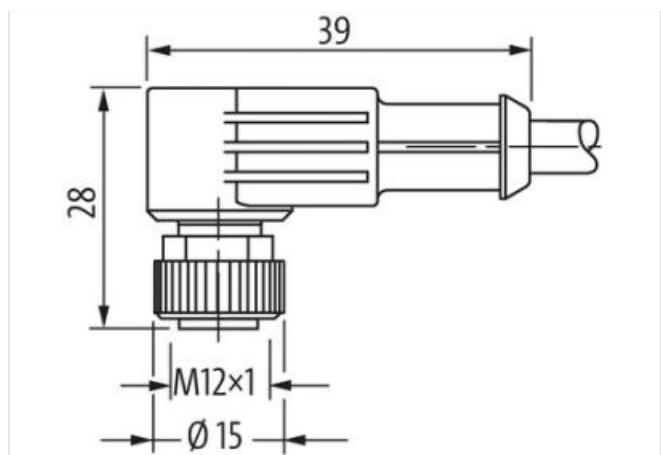
Male straight – female 90°

M12 – M12, 5-pole

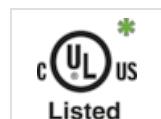
USA

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**



Product may differ from Image



\* only for products with UL/CSA approved cable

#### Form

Form	40141
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#### Technical Data

Operating voltage	max. 125 V AC/DC
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Rated surge voltage	1.5 kV
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No. of poles	5
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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	U05
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Approval (cable)	UL (AWM-Style 20626/1731), CSA; CE conform
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Cable weight [g/m]	59.4 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 x 0.16 mm (multi-strand wire class 5)
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Diameter (core)	1 x 5 x 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, wh, gnye longitudinally striped
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Stranding combination	5 wires twisted around central filler
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Material (jacket)	TPE
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Outer-Ø (jacket)	5.7 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
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Temperature range (fixed)	-40...+105 °C
Temperature range (mobile)	-20...+90 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Torsion stress	±180°/m
Product article number of manufacturer	7700-40141-U050200
Cable length	2 m