

**M12 male 0° / M8 female 0° A-cod.**

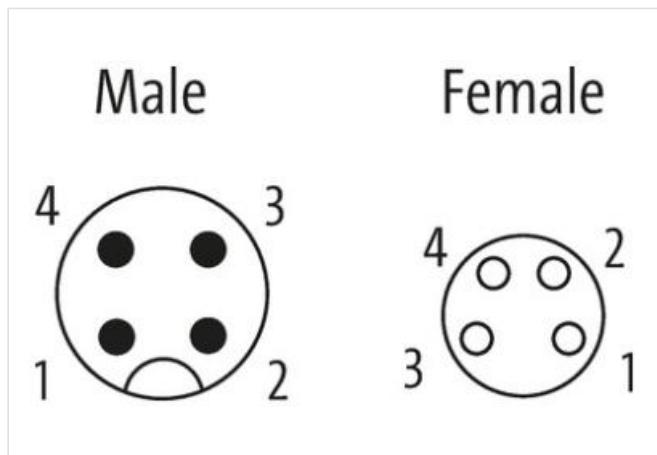
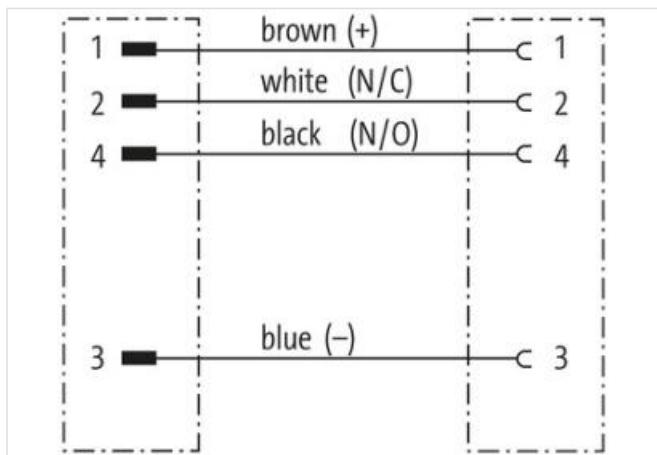
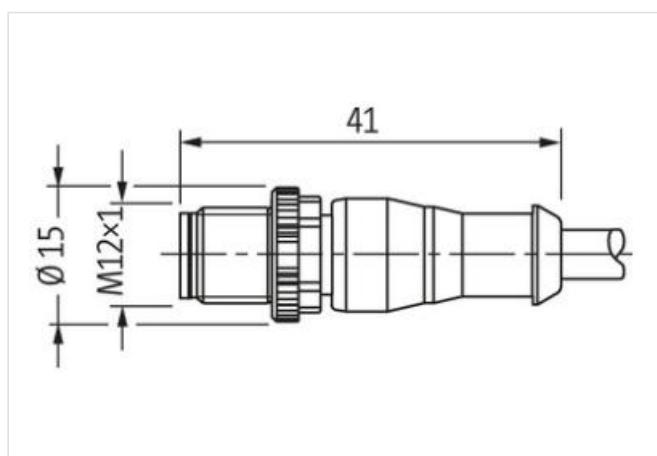
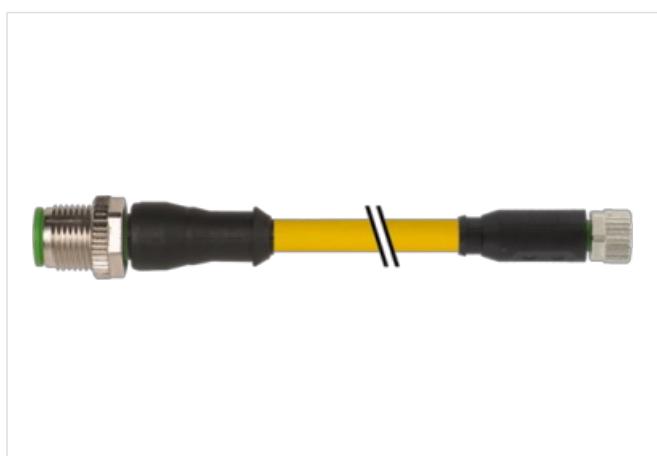
TPE 4x22AWG ye UL/CSA. ITC/PLTC 0.3m

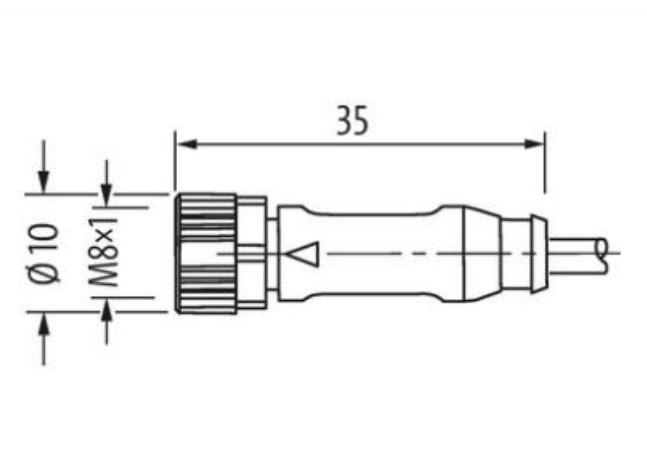
Male straight – female straight

M12 – M8, 4-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	40581
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#### Technical Data

Operating voltage	max. 50 V AC/60 V DC
Rated surge voltage	1.5 kV
No. of poles	4
Material group	IEC 60664-1, category I

#### General data

Mounting method	inserted, tightened
Material (contact)	Copper alloy
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

#### Cables

Cable identification	U04
Approval (cable)	UL (AWM-Style 20626/1731), CSA; CE conform
Cable weight [g/m]	49,5 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 46.9 Ω/km (20 °C)
Single wire Ø (core)	0.16 mm
Construction (core)	19x 0.16 mm (multi-strand wire class 5)
Diameter (core)	1x 4x AWG22/19 (0.382)
Material (wire isolation)	semi-rigid PVC
Wire-Ø incl. isolation	1.27m ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Material (jacket)	TPE
Outer-Ø (jacket)	5.3 mm ±5%
Color (jacket)	yellow
Jacket Color	yellow
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	300 V AC
Test voltage	2000 V AC

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-14

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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	7700-40581-U040030
Cable length	0,3 m