

M12 male 90° / M12 female 0° A-cod.

TPE 5x22AWG ye UL/CSA. ITC/PLTC 7.5m

Male 90° – female straight

M12 – M12, 5-pole

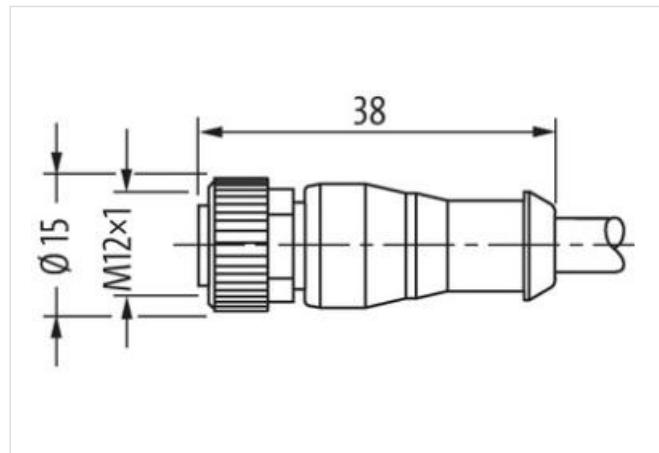
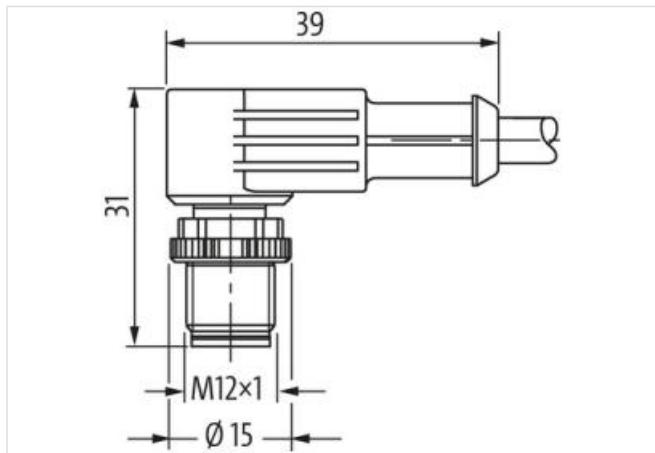
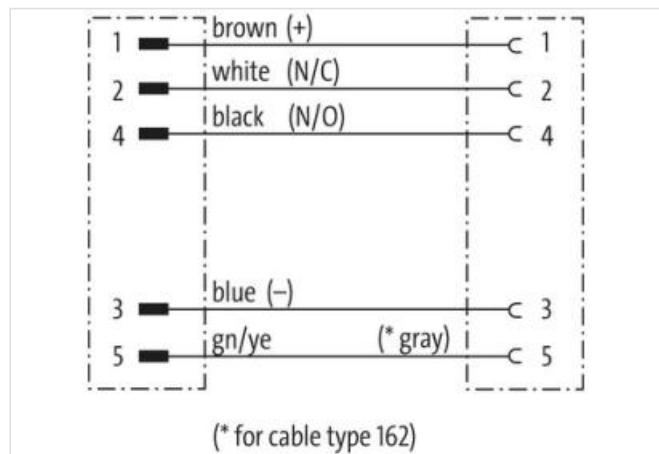
USA

Plastic housings with good resistance against chemicals and oils.

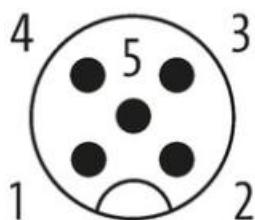
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

Link to Product

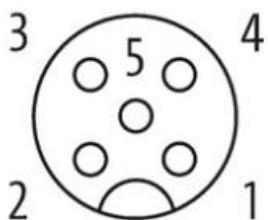
Illustration



Male



Female



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 (M12×1 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)	10 mm
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	U05
Approval (cable)	UL (AWM-Style 20626/1731), CSA; CE conform
Cable weight [g/m]	59,4 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 46.9 Ω/km (20 °C)
Single wire Ø (core)	0.16 mm
Construction (core)	19× 0.16 mm (multi-strand wire class 5)
Diameter (core)	1× 5× 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, gnye longitudinally striped

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

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

Stranding combination	5 wires twisted around central filler
Material (jacket)	TPE
Outer-Ø (jacket)	5.7 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
Current load capacity	to DIN VDE 0298-4
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	7700-40221-U050750
Cable length	7,5 m