

M12 male 0° / M12 female 90° A-cod.

TPE 4x18AWG ye UL/CSA. ITC/PLTC 3m

Cable is approved for 600 V

Male straight – female 90°

M12 – M12, 4-pole

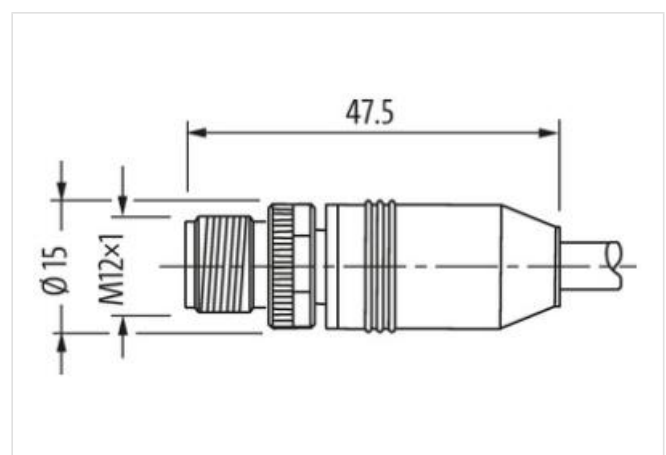
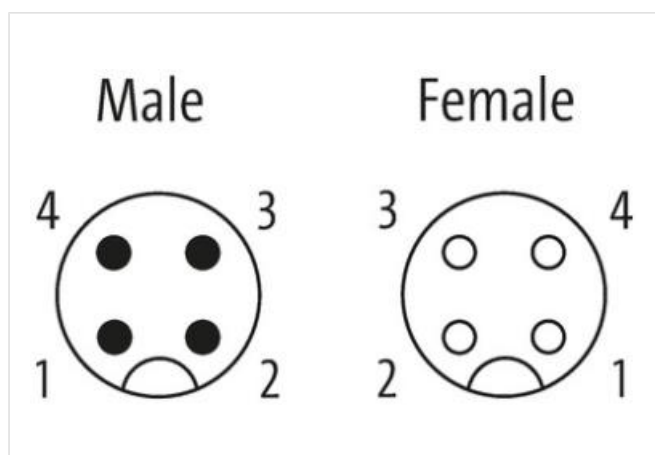
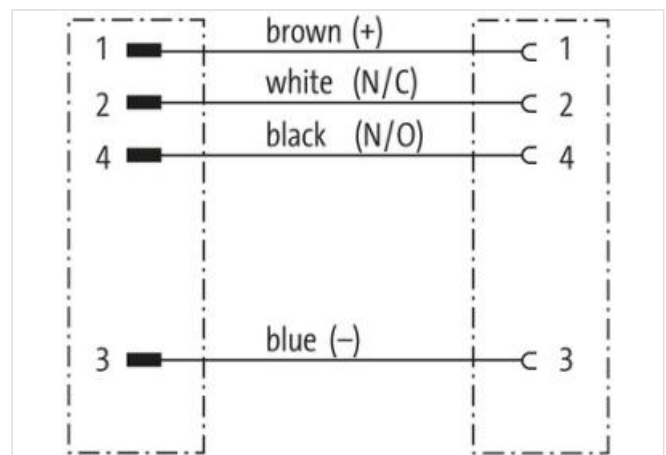
USA

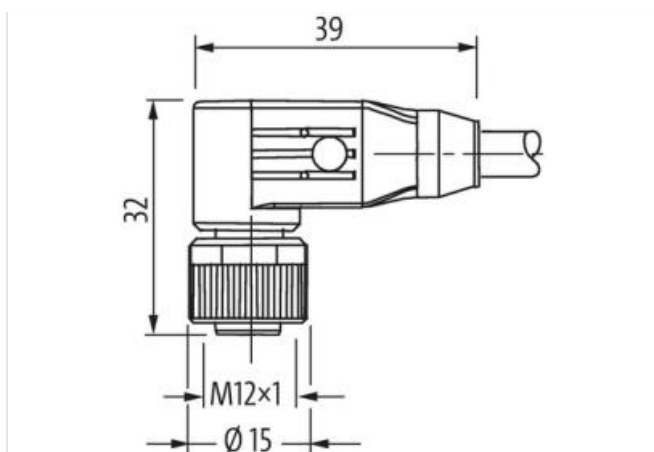
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Plastic housings with good resistance against chemicals and oils.

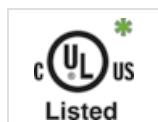
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form 40121

Technical Data

Operating voltage	max. 250 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	2.5 kV
Operating current per contact	max. 4 A
No. of poles	4
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)
Locking material	Zinc die casting, matte nickel plated
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

No./diameter of wires	4× 0.75 mm ²
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	10 Mio.
Outer Ø	7.2 mm ±5%
Cable identification	150
Cable Type	TPE
Approval (cable)	UL (AWM-Style 20626/10708), CSA; CE conform
Cable weight [g/m]	78,57 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 22.5 Ω/km (20 °C)
Single wire Ø (core)	0.234 mm
Construction (core)	19× 0.254 mm (multi-strand wire class 5)
Diameter (core)	4× AWG18/19

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

Material (wire isolation)	PVC
Wire-Ø incl. isolation	1.93 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	TPE
Outer-Ø (jacket)	7.2 mm ±5%
Color (jacket)	yellow
Jacket Color	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 (fixed)	-40...+105 °C
Temperature range (mobile)	-20...+90 °C
Temperature range (mobile)	-20...+90 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
Bend radius (moving)	15× 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)
Material (jacket)	TPE (UL/CSA)
Product article number of manufacturer	7700-40121-1500300
Cable length	3 m