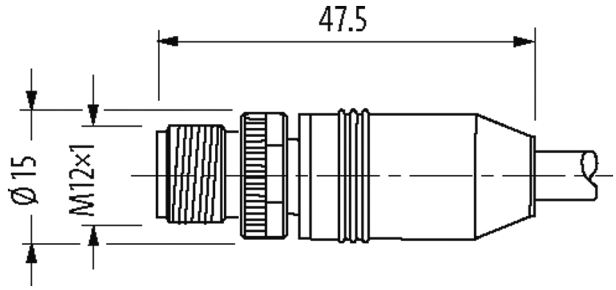
M12 male 0° / M12 female 0°

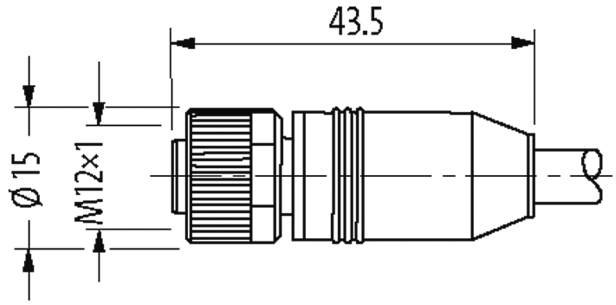
TPE 5x18AWG ye UL/CSA, ITC/PLTC 3m

Male straight – 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.
Cable is approved for 600 V

Link to Product

Illustration





Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

Form

Form	40041

General data

Standards	DIN EN 61076-2-101 (M12)
Pollution Degree	3
Mounting method	inserted, tightened
Temperature range	-25...+85 °C, depending on cable quality

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MURR ELEKTRONIK
stay connected

Cables	
Wire isolation	PVC (br, wh, bl, bk, gnye)
C-track properties	10 Mio.
Jacket Color	yellow
Material (jacket)	TPE (UL/CSA)
Outer Ø	7.7 mm ±5%
Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-40...+105 °C
Temperature range (mobile)	-20...+90 °C
Cable identification	161
Cable Type	TPE
Approval (cable)	UL (AWM-Style 20626/10708), CSA; CE conform
Cable weight [g/m]	92,49
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)	5× AWG18/19
Material (wire isolation)	PVC
Wire-Ø incl. isolation	1.93 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material (jacket)	TPE
Outer-Ø (jacket)	7.7 mm ±5%
Color (jacket)	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 (mobile)	-20...+90 °C
Bend radius (fixed)	10× 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)

Technical Data	
Operating voltage	max. 125 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
No. of poles	5
Coding	A-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)

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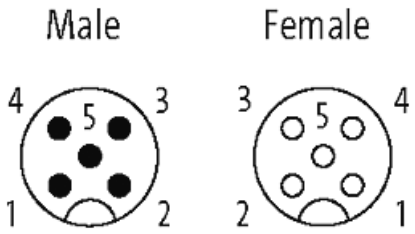
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879531429
eClass	27279218
Packaging unit	1

Sketch



Product may differ from Image

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