

M12 male 0° / M12 female 90°

TPE 3x22AWG ye UL/CSA, ITC/PLTC 3m

Male straight – female 90°

M12 – M12, 3-pole

USA

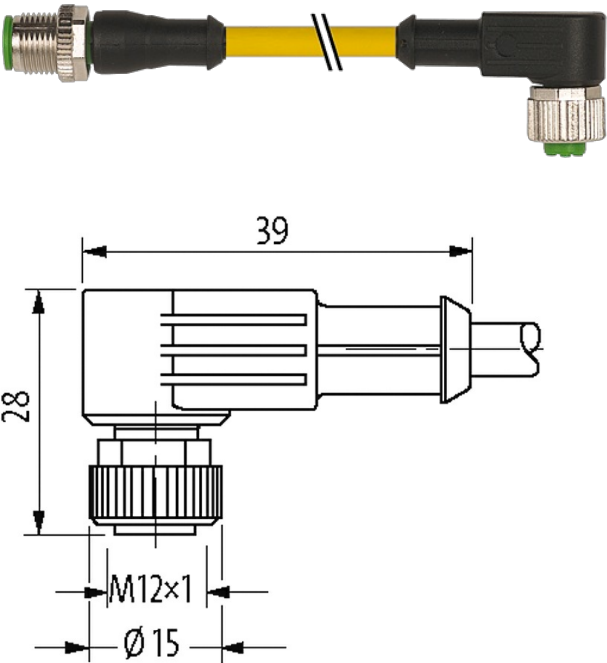
Plastic housings with good resistance against chemicals and oils.

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

Approvals



* only for products with UL/CSA approved cable

Form

Form 40101

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

Cables

Cable identification	U03
Approval (cable)	UL (AWM-Style 20626/1731), CSA; CE conform

Cable weight [g/m]	35,97
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 × 3× AWG22/19 (0.382)
Material (wire isolation)	semi-rigid PVC
Wire-Ø incl. isolation	1.27m ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Material (jacket)	TPE
Outer-Ø (jacket)	4.9 mm ±5%
Color (jacket)	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
Jacket Color	yellow

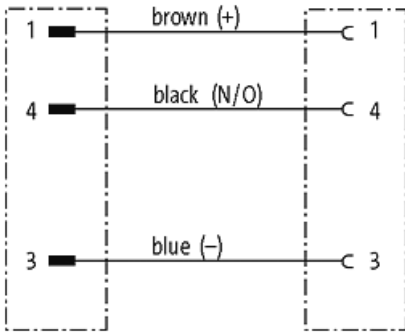
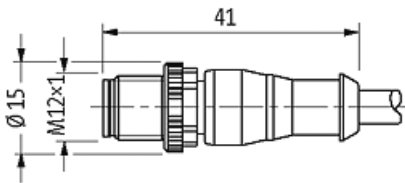
Technical Data

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
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
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	10 mm

Commercial data

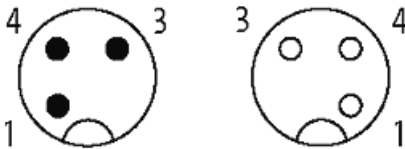
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customs tariff number	85444290
EAN	4048879753111
eClass	27279218
Packaging unit	1

Sketch



Male

Female



Product may differ from Image