

**M12 female 90° A-cod. with cable**

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

Art.No.: 7700-12341-1500300

Weight: 0.259 kg

Country of origin: US

Model designation: MSDL0-T150\_3.0

Cable is approved for 600 V

Female 90°

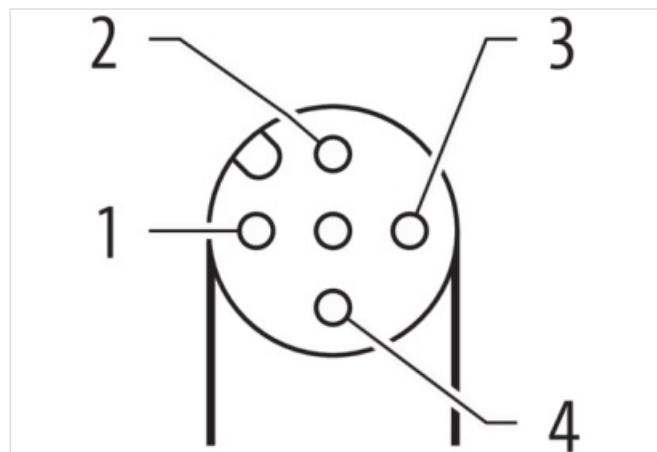
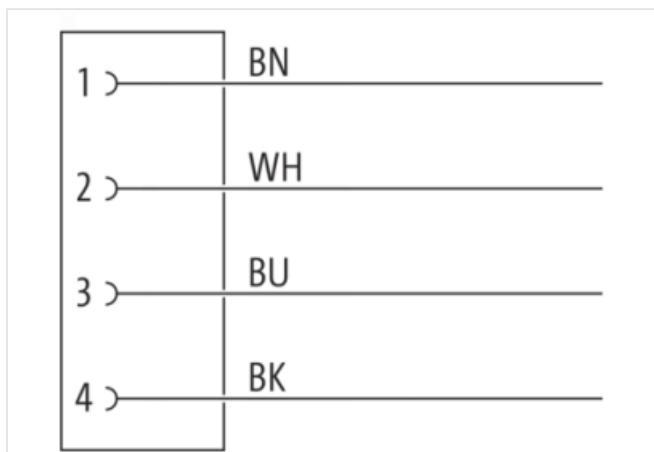
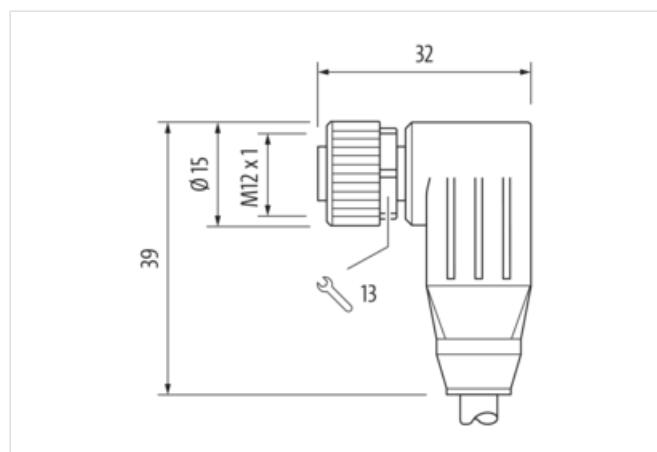
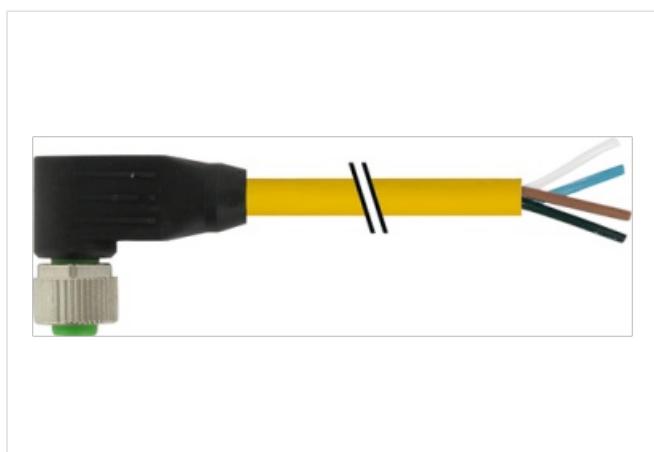
M12, 4-pole

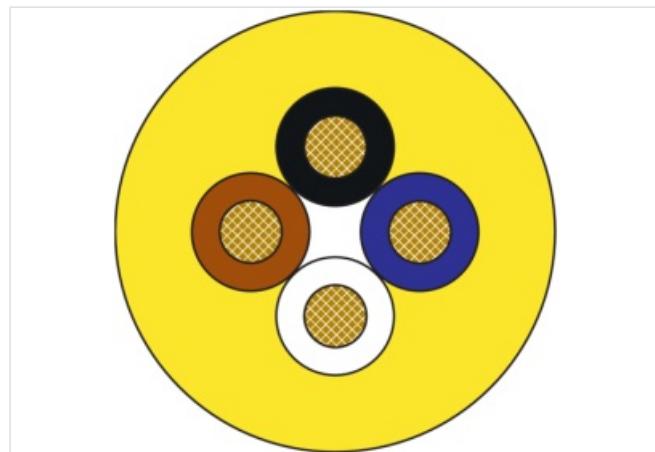
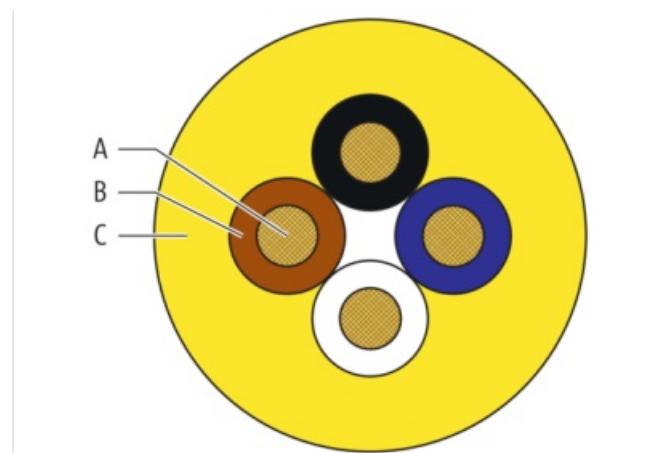
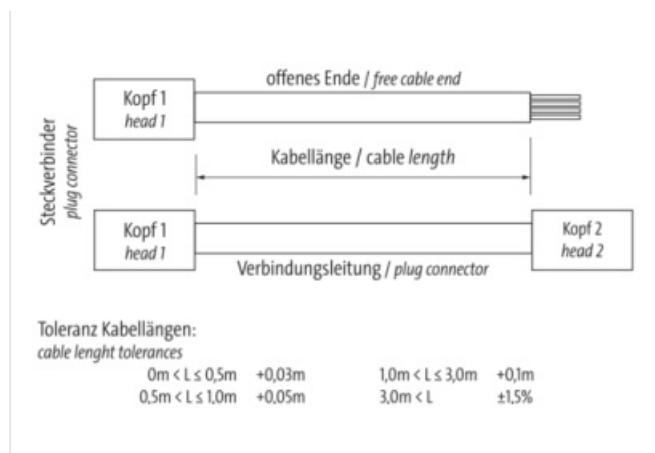
USA

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



#### Header

Material short text MSDL0-T150\_3.0

Cable length 3,00 m

#### Side 1

Family construction form M12

No. of poles 4

Coding A

Mounting method inserted, screwed

Threaded hole M12 x 1

Tightening torque 0,6 Nm

Width across flats SW13

Cable outlet angled

Degree of protection (EN IEC 60529) IP67, IP66K, IP65

#### Side 2

Stripping length (jacket) 20 mm

#### Commercial data

URL Webshop <https://shop.murrelektronik.com/7700-12341-1500300>

GTIN 4048879518901

ECCLASS-6.0	27279218
ECCLASS-6.1	27279218
ECCLASS-7.0	27279218
ECCLASS-7.1	27279218
ECCLASS-8.0	27279218
ECCLASS-8.1	27279218
ECCLASS-9.0	27060311
ECCLASS-9.1	27060311
ECCLASS-10.0.1	27060311
ECCLASS-10.1	27060311
ECCLASS-11.0	27060311
ECCLASS-11.1	27060311
ECCLASS-12.0	27060311
ECCLASS-13.0	27060311
ECCLASS-14.0	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879518901
Packaging unit	1

#### Electrical data | Supply

Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V

#### Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I

#### Mechanical data

Contour for corrugated hose	without
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#### Mechanical data | Material data

Locking material	Zinc die-casting
Coating locking	Nickel

#### Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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#### Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

#### Important installation notes

Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

#### Conformity

Product standard	EN IEC 61076-2-101 (M12)
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#### Installation | Cable

Cable identification	150
Amount stranding	1
Stranding	4 wires stranded
Banding	Fleece optional
Wire arrangement	brown, black, blue, white
Cable weight	84 g/m
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,93 mm
Outer diameter tolerance core insulation	± 0,05 mm
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
Diameter of single wires	30 AWG
Conductor crosssection (wire)	18 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	7,21 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Conductor resistance (wire)	22.5 Ω/km @ 20 °C
Nominal voltage max.	600 V
Withstand voltage (wire - wire)	4 kV @ 60 s
Withstand voltage (wire - jacket)	4 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	9,6 A
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	CSA FT4
UV resistance	UL 444 § 7.22
Bending radius (fixed)	10 × Outer diameter
Bending radius (dynamic)	15 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m @ 180 °C