

M12 male 90° / M12 female 0° A-cod.

TPE 4x18AWG ye UL/CSA. ITC/PLTC 1m

Art.No.: 7700-40201-1500100

Weight: 0.11

Country of origin: CZ

Model designation: MSBL0-C-T150_1.0

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Male 90° - female straight

M12 - M12, 4-pole

USA

Cable is approved for 600 V

Plastic housings with good resistance against chemicals and oils.

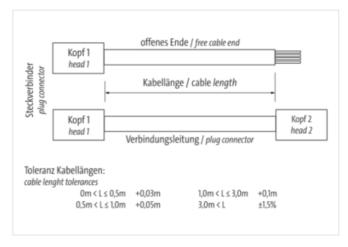
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

Illustration

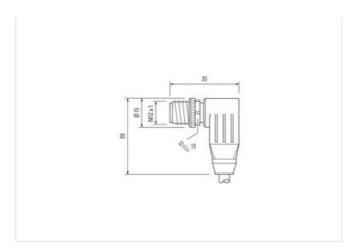


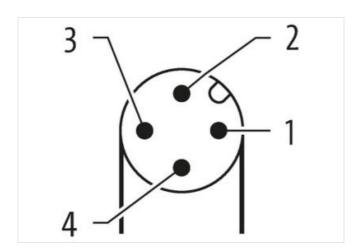


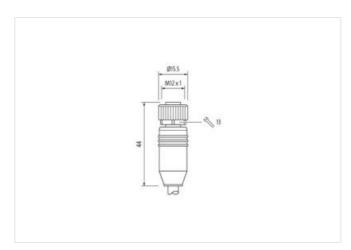


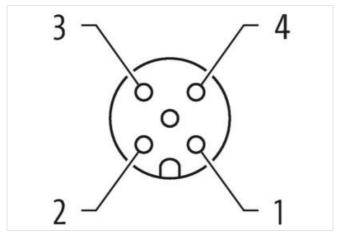
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Product may differ from Image











Cable length

1 m

Side 1

Tightening torque 0,6 Nm



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Manusting mathed	incerted acressed
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	angled
Coding	Α
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879518550
EAN	4048879518550
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose	without
	Without
Mechanical data Material data	PUR
Material housing	run



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Rechanical data Mounting data Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Provisionmental characteristics Climatic Operating temperature min. -30 °C Operating temperature min. -30	Coating locking	Nickeled
Mechanical data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Environmenta		
Mounting method Inserted, screwed, Shaking protection	-	
Environmental characteristics Climatic Operating temperature min. 30 °C Operating temperature max. 55 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relate Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relate Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relate Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Material school Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Material school Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Product standard Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Product standard Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Product standard Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Product diameter (abentic the protection ciss can be endangered by excessive bending forces. Product diameter (abent) Protection ciss can be endangered by excessive bending forces. Product diameter (abent) Protection ciss can be endangered by excessive bending forces. Product diameter (abent) Protection ciss can be endangered by excessive bending forces. Protection from ingredients (geket) Protection ciss can be endangered by excessive bending forces. Protection from ingredients (geket) Protection ciss can be endangered by excessive bending forces. Protection from ingredients (inserted covered Chaling materials
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Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9,6 A Electrical resistance line constant wire 22,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 4 kV @ 60 s Power frequency withstand voltage (wire - iacket) 4 kV @ 60 s Min. operating temperature (fixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 15 x Outer diameter		•
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Bending radius (dynamic) 15 x Outer diameter		Good, application-related testing DIN EN 60811-404
		10 x Outer diameter
No. of bending cycles (C-track) 10 Mig.		15 x Outer diameter
To Total System (or Mach)	No. of bending cycles (C-track)	10 Mio.

Product-PDF for Article 7700-40201-1500100



No. of torsion cycles 3 Mio.

Torsion stress ± 180 °/m