

M12 male 0° A-cod. with cable

TPE 4x18AWG ye UL/CSA. ITC/PLTC 5m

Art.No.: 7700-12021-1500500

Weight: 0.409 Country of origin: US

Model designation: MSAL0-T150_5.0

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:

Cable is approved for 600 V Male straight

M12, 4-pole

Cable is approved for 600 V

USA

Plastic housings with good resistance against chemicals and oils.

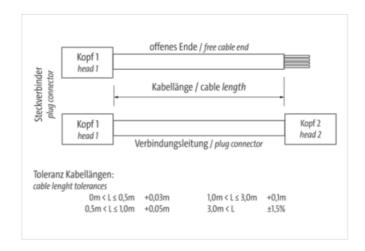
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

Illustration

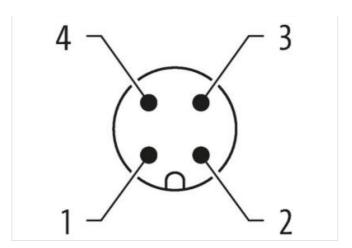


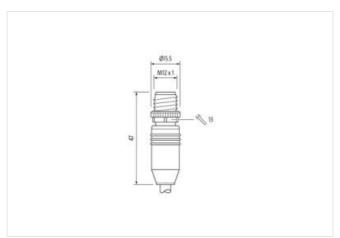




stay connected







Product may differ from Image











Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311



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ECLASS-10.1 27960311 ECLASS-11.0 27960311 ECLASS-12.0 27960311 ETMA-5.0 ECO01855 customs tariff number 65844290 customs tariff number 4048879520690 EAN 4048879520690 EAN 4048879520690 EAN 4048879520690 Electrical disals [suppy) February (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		
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Cable identification 150 Jacket Color yellow Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 92,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,21 mm Tolerance outer diameter (sheath) ± 5 %	Installation Cable	
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Outer-diameter (jacket) 7,21 mm Tolerance outer diameter (sheath) ± 5 %	Material jacket	TPE
Tolerance outer diameter (sheath) ± 5 %		lead-free, CFC-free, halogen-free
	Outer-diameter (jacket)	7,21 mm
Material wire insulation PVC		
	Material wire insulation	PVC



Amount wires	4
Outer diameter insulation	1,93 mm
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 - jacket)	4 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. 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
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m