

## Mini (7/8) 4 pole, Male (Ext.) 0°/Female 0°

TPE 4x16AWG ye UL/CSA, TC-ER

Art.No.: 7700-A4A01-U1C0500 Weight: 0.541 Country of origin: US Model designation: MSCAL0-CB-TU1C 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 <u>on request</u>

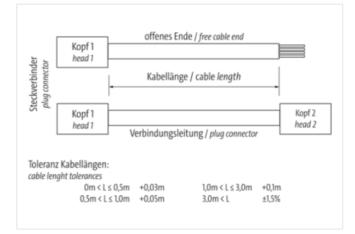
If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details: Male straight – female straight 7/8" – 7/8", 4-pole Power cable USA Further cable lengths on request. 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.

## Link to Product

## Illustration

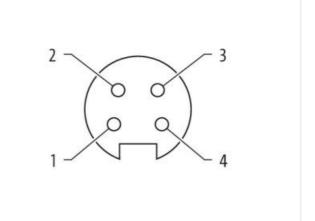


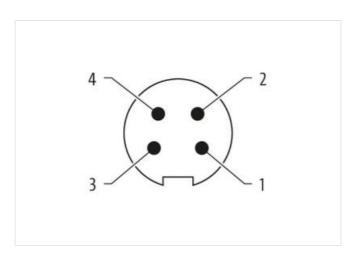


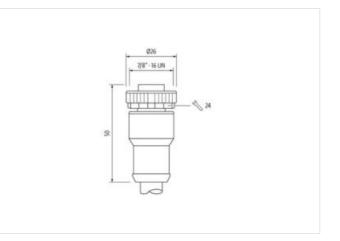
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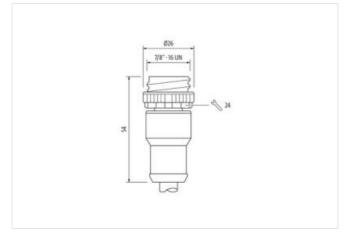












Product may differ from Image



· · · · · ·		
Cable length	5 m	
Side 1		
Tightening torque	1,5 Nm	

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Thread     78"       Width across flats     SW24       Side 2     Tightening torque     1,5 Nm       Thread     78"       Commercial data     ECLASS-6.0     27279218       ECLASS-6.0     27279218       ECLASS-6.0     27279218       ECLASS-6.0     27279218       ECLASS-6.0     27000311       ECLASS-10.1     27060327       ETIM-5.0     EC001355       customs tariff number     85444290       customs tariff number     8544290       customs tariff number     8544290       customs tariff number     8544290       customs tariff number     8544290       customs tariff number     1       Packaging unit     1       EarN     404887669146       EAN     404887669146 </th <th></th>	
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wire arrangement red, white, black, green   Cable identification U1C	radii when laying cables, as the IP protection class can be
Cable identification U1C	
Jacket Color yellow	
Type of Certificate cURus	
Amount stranding 1	
Stranding 4 wires with 5 Filler twisted	
Banding Fleece	
Filler yes	

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wire arrangement	red, white, black, green
Cable weigth	117,7 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	9,02 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	2,62 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	65
Diameter of single wires	34 AWG
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	600 V
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Current load capacity min. wire	8 A
Electrical resistance line constant wire	13,2 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	6 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	6 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   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)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Torsion stress	± 90 °/m

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