

Mini (7/8) 4 pole, Male (Ext.) 0° w/ Cable

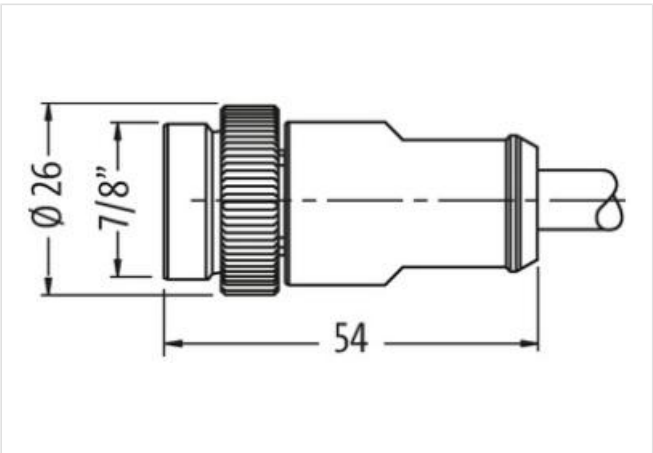
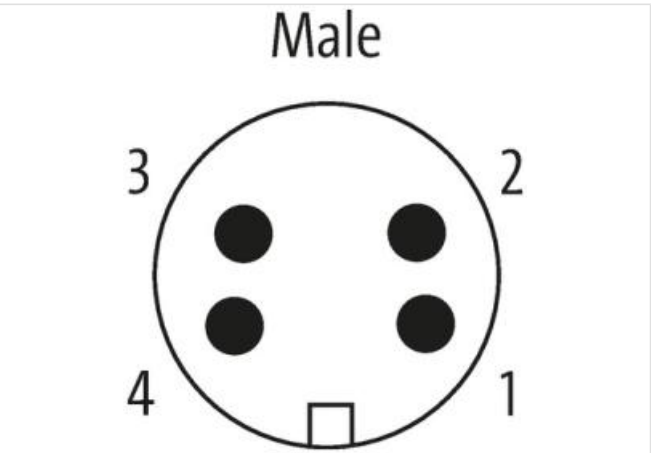
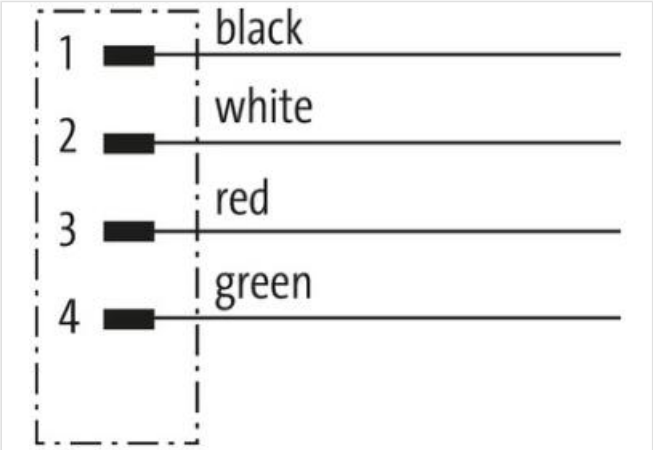
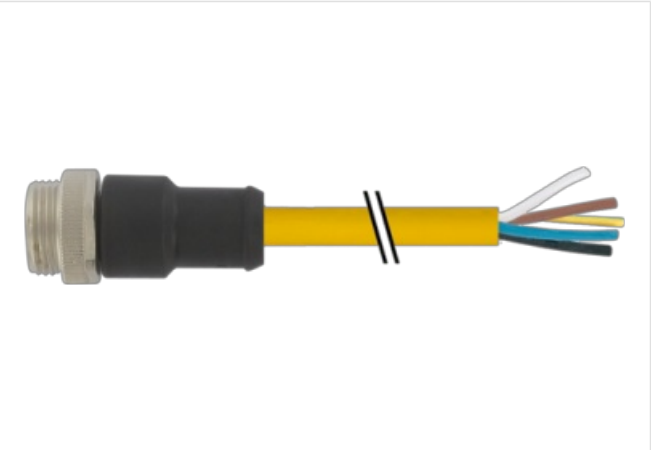
TPE 4x16AWG ye UL/CSA, TC-ER

Art.No.: 7700-A4001-U1C0300  
Weight: 0.361  
Country of origin: DE  
Model designation: MSCAL0-TU1C\_3.0

Male straight  
7/8"  
4-pole  
Power cable  
USA  
without cable sleeves  
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



Product may differ from Image

Side 1	
Tightening torque	1,5 Nm
Mounting method	inserted, screwed

Family construction form	7/8"
Thread	7/8"
suitable for corrugated tube (internal Ø)	17,8 mm
No. of poles	4
Width across flats	SW24
<b>Electrical data   Supply</b>	
Operating voltage AC max.	600 V
Operating voltage DC max.	600 V
Current operating per contact max.	10 A
<b>Diagnostics</b>	
Status indication LED	no
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	4 kV
<b>Mechanical data   Material data</b>	
Material housing	PUR
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed, Shaking protection
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-25 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
<b>Cable</b>	
No./diameter of wires	4× 1.5 mm <sup>2</sup>
Wire isolation	PVC (bk, gn, rd, wh)
Outer Ø	9.0 mm ±5%
Cable identification	U1C
Cable number	U1C
Approval (cable)	UL (AWM-Style 21002/1841), CSA
Cable weight [g/m]	117,7 g
Material wire	Cu wire, bare
Resistor (core)	max. 13.2 Ω/km (20 °C)
Single wire Ø (core)	0.16 mm
Construction (core)	65× 0.16 mm (multi-strand wire class 6)
Diameter (core)	4× 1.5 mm <sup>2</sup>
AWG	similar to AWG 16
Material wire isolation	PVC
Wire-Ø incl. isolation	2.6 mm ±5%
Color/numbering of wires	bk, gn, rd, wh
Stranding combination	4 cores twisted with 5 fillers
Shield	no
Material jacket	TPE
Outer-Ø (jacket)	9.1 mm ±5%
Color jacket	yellow
Jacket Color	yellow
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL, FT4
Nominal voltage	600 V
Test voltage	6 kV spark test

Current load capacity	NEC (National Electric Code)
Temperature range (fixed)	-50...+105 °C
Temperature range (fixed)	-50...+105 °C
Temperature range (mobile)	-20...+90 °C
Temperature range (mobile)	-20...+90 °C
Bending radius (fixed)	8× outer Ø
Bending radius (dynamic)	10× outer Ø
Bending radius (dynamic)	10× outer Ø
Torsion stress	±90°/m
Material jacket	TPE (UL/CSA)

#### Commercial data

customs tariff number	85444290
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EAN	4048879648103
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Packaging unit	1
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