

## Mini (7/8) 5 pole, Female 0° w/ Cable

TPE 5x16AWG ye UL/CSA, TC-ER

Art.No.: 7700-A5021-U1D0500

Weight: 0.526 Country of origin: US

Model designation: MSCBL0-UU1D\_5.0

Female straight 7/8" (5-pole) Power cable USA

without cable sleeves

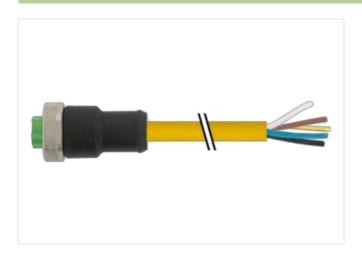
Further cable lengths on request.

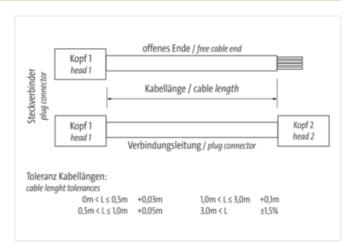
Plastic housings with good resistance against chemicals and oils.

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

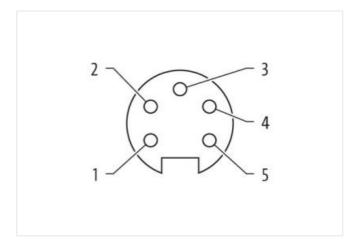
## **Link to Product**

## Illustration

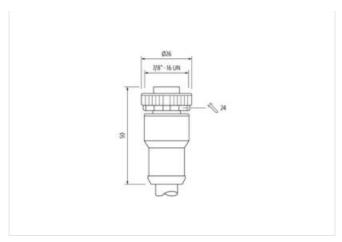












Product may differ from Image



5 m
1,5 Nm
inserted, screwed
7/8"
7/8"
17,8 mm
5
SW24
27279218
27279218
27279218
27060311
27060311
27060311
27060327
EC001855
85444290
85444290
4048879665957
4048879665957
1
1
600 V
600 V
9 A
no



stay connected

Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Mechanical data   Material data	
Material housing	PUR
Coating locking	Nickeled
Locking material	Zinc die-casting
	Ziric die-casting
Mechanical data   Mounting data  Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
	•
Operating temperature min.	-25 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable	
wire arrangement	orange, green, red, white, black
Cable identification	U1D
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Banding	Fleece
Filler	yes
wire arrangement	orange, green, red, white, black
Cable weigth	144,1 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	9,78 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
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
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Power frequency withstand voltage (wire - jacket)	6 kV @ 60 s
	6 kV @ 60 s -50 °C
jacket)	



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	DIN EN 60811-404   Good, application-related testing
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