

Mini (7/8) 4 pole, Female 90° w/ Cable

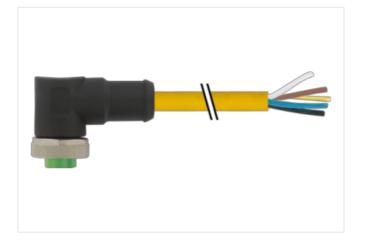
TPE 4x16AWG ye UL/CSA, TC-ER

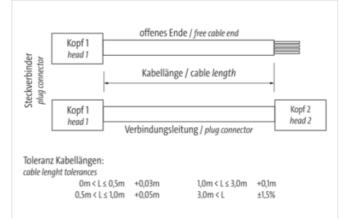
Art.No.: 7700-A4031-U1C1000 Weight: 1.076 Country of origin: US Model designation: MSCDL0-TU1C 10.0

Female 90° 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.

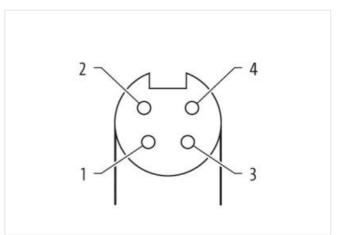
Link to Product





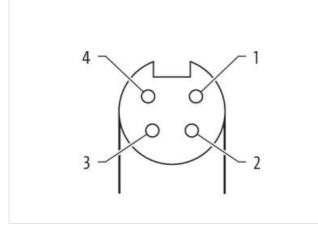


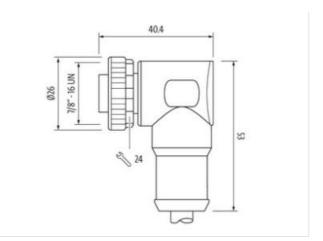




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Product may differ from Image



Side 1 Tightening torque 1.5 Nm Mounting method inserted, screwed Family construction form 7/8" Thread 7/8" Diread 7/8" Suitable for corrugated tube (internal Ø) 17.8 mm No. of poles 4 Width across flats SW24 Commercial data Construction form ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060327 ETIM-5.0 EC001865 Eustoms tariff number 85444290 EAN 40487698252 Parkaging unit 1 Packaging unit <th></th> <th></th>		
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Current operating per contact max. 9 A Diagnostics Status indication LED no	Operating voltage AC max.	600 V
Diagnostics Status indication LED no	Operating voltage DC max.	600 V
Status indication LED no	Current operating per contact max.	9 A
	Diagnostics	
Device protection Electrical	Status indication LED	no
	Device protection Electrical	

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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
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	
•	Distant the connectors by outspla measures from mechanical loads on a by the years of active the
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laving cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Installation Cable	
wire arrangement	red, white, black, green
Cable identification	U1C
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires with 5 Filler twisted
Banding	Fleece
Filler	yes
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
	9° 00

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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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