

Mini (7/8) 5 pole, Female 90° w/ Cable

TPE 5x16AWG ye UL/CSA, TC-ER

Art.No.: 7700-A5031-U1D0500

Weight: 0.769 Country of origin: US

Model designation: MSCDL0-UU1D_5.0

Female 90° 7/8" (5-pole) Power cable USA

without cable sleeves

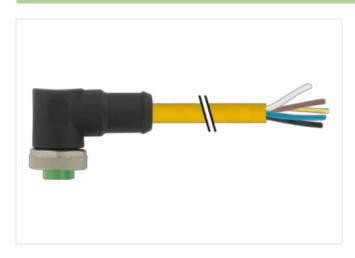
Further cable lengths on request.

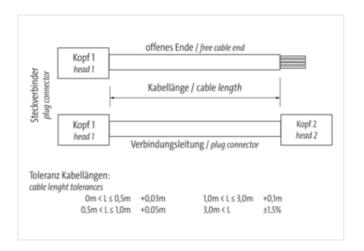
Plastic housings with good resistance against chemicals and oils.

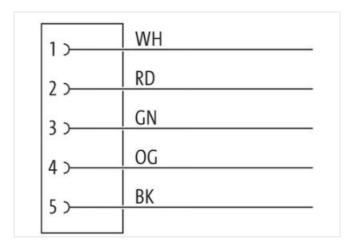
The resistance to aggressive media should be individually tested for your application. Further details on request.

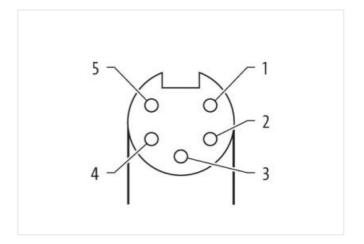
Link to Product

Illustration



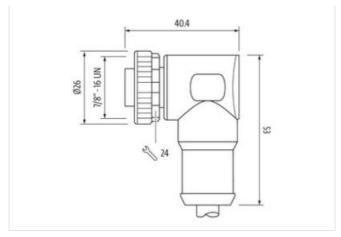








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Product may differ from Image



Cable length	5 m
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	5
Width across flats	SW24
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879644389
EAN	4048879644389
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Operating voltage DC max.	600 V
Current operating per contact max.	9 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-11-05



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Material housing	PUR
Coating locking	Nickeled
ocking material	Zinc die-casting
Mechanical data Mounting data	
Nounting 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
, ,	asponding on such quality
Important installation notes	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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	
vire arrangement	orange, green, red, white, black
Cable identification	U1D
acket Color	yellow
ype of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
anding	Fleece
iller	yes
vire arrangement	orange, green, red, white, black
Cable weigth	144,1 g/m
Material jacket	TPE
reedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	9,78 mm
olerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
amount wires	5
Outer diameter insulation	2,62 mm
Outer diameter tolerance core insulation	± 5 %
ngredient freeness wire insulation	lead-free, CFC-free
mount strands (wire)	65
Diameter of single wires	34 AWG
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Iominal 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
lectrical resistance line constant wire	13,2 Ω/km @ 20 °C
C withstand voltage (wire - wire)	6 kV @ 60 s
lower frequency withstand voltage (wire -	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
lame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Dil 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	