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

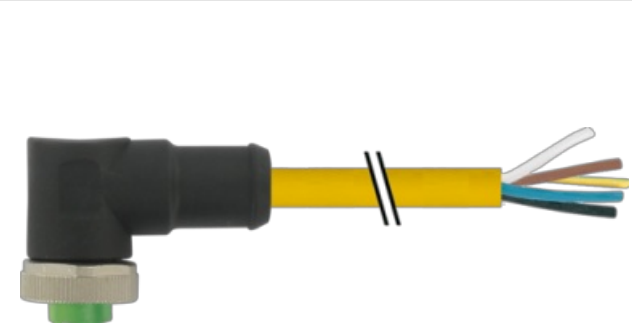
TPE 4x16AWG ye UL/CSA, TC-ER

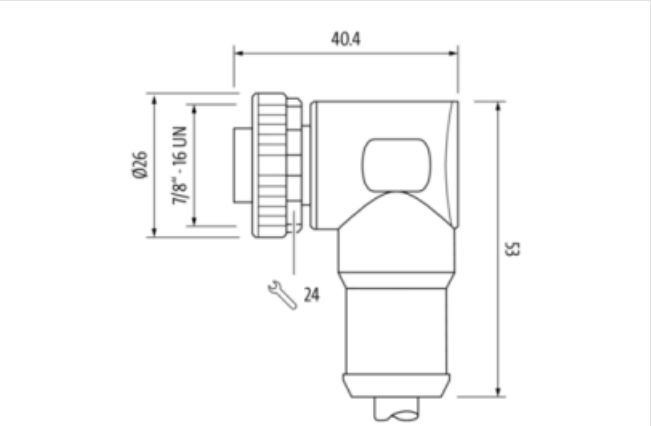
Art.No.: 7700-A4031-U1C1000
Weight: 1.076 kg
Country of origin: US
Model designation: MSCDL0-TU1C_10.0

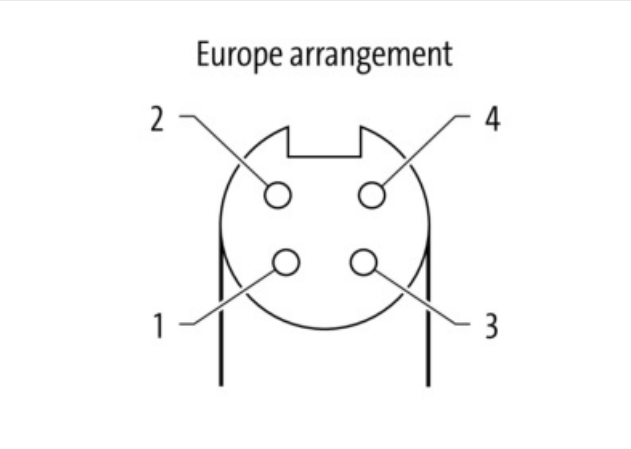
Female 90°
7/8"
4-pole
Power cable
USA
without cable sleeves
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

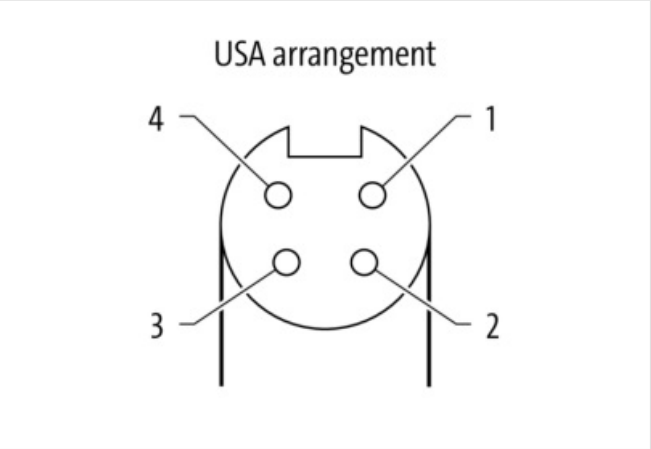
Link to Product

Illustration









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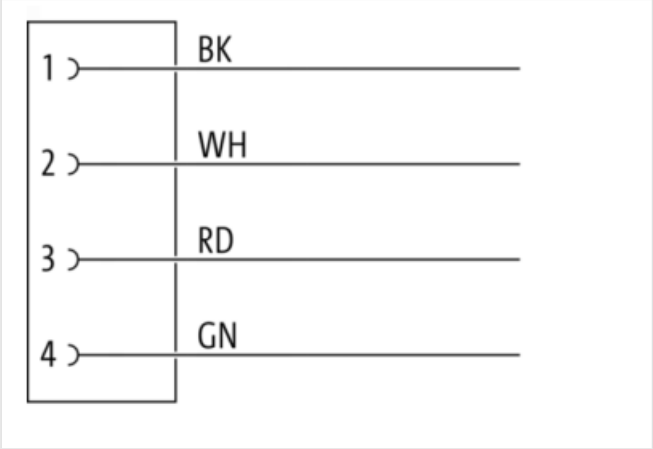
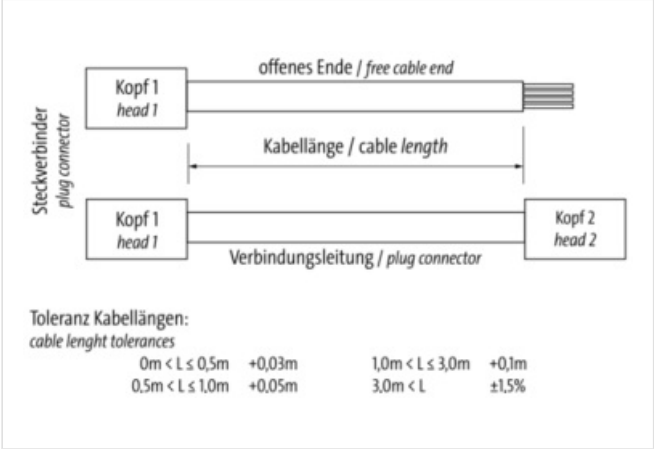
stay connected





Product may differ from Image

Cable length	10,00 m
Side 1	
Family construction form	7/8"
No. of poles	4
Mounting method	inserted, screwed
Threaded hole	7/8"
Tightening torque	1,5 Nm
Width across flats	SW24
suitable for corrugated tube (internal Ø)	17,8 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7700-A4031-U1C1000
GTIN	4048879698252
Customs tariff number	85444290
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218

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ECLASS-8.1	27279218
ECLASS-9.0	27060327
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ECLASS-13.0	27060311
ECLASS-14.0	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879698252
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
Mechanical data | Material data	
housing	PUR
Locking material	Zinc die-casting
Coating locking	Nickeled
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 bending radius	**Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Installation | Cable	
Cable identification	U1C
Cable weigth	0 g/m
UL AWM Style	21002 / 1841
Stranding	1 × 4 wires stranded with 5 fillers
Banding	Nonwoven Polyester Tape wrap 25% overlap 100% coverage
Filler	Yes
Wire arrangement	RD, WH, BK, GN
Material wire insulation	PVC

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Amount wires	4
Outer diameter insulation	2.62 mm ± 0.05 mm
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	65
Ingredient freeness wire insulation	lead-free, CFC-free
Material jacket	TPE
Outer-diameter (jacket)	9.02 mm ± 5 %
Jacket Color	yellow / RAL 1021
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Conductor resistance (wire)	13.2 Ω/km @ 20 °C
Nominal voltage max.	600 V
Withstand voltage (wire - wire)	6 kV @ 60 s
Withstand voltage (wire - jacket)	6 kV @ 60 s
Current load capacity max. (wire)	8 A
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Operating temperature (static)	-50 °C … 105 °C
Operating temperature (dynamic)	-20 °C … 90 °C
Flame resistance	UL 1581 § 1164
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Notes	application-related testing
Bending radius (fixed)	8 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Torsion stress	± 90 °/m

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