



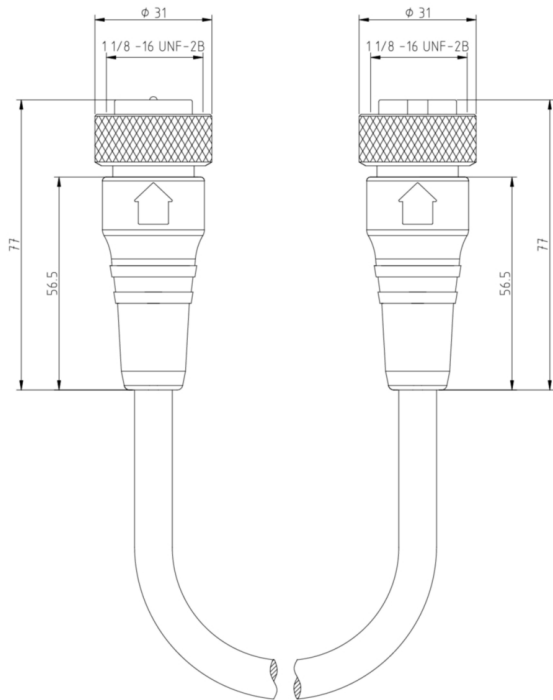
Product: [RSRK 1201M-776](#)

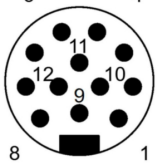
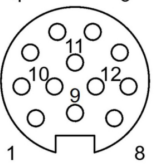
MINI C | Cordset | 1-1/8 Male Straight, 12-pin → 1-1/8 Female Straight, 12-socket | Yellow TPE; 18 AWG | 300 V / 5 A

Product Description

MINI C | Double-Ended Cordset | 1-1/8 Male Straight, 12-pin → 1-1/8 Female Straight, 12-socket | Cable Yellow TPE; 18 AWG | 300 V / 5 A

Technical Drawing



Male	Pins	Wires	Sockets	Female
	1	BK#1	1	
	2	BK#2	2	
	3	BK#3	3	
	4	BK#4	4	
	5	BK#5	5	
	6	BK#6	6	
	7	BK#7	7	
	8	BK#8	8	
	9	GN/YE	9	
	10	BK#10	10	
	11	BK#11	11	
	12	BK#12	12	

Numeric Color Code

Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Unshielded
Voltage Rating:	300 V
Rated Voltage (UL):	300 V
Operating Voltage:	300 V AC/DC
Current Rating:	5 A

Rated Current (UL)*:	Power 5 A Signal 5 A
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Technical Data Side 1

Side 1 Product Sub Family:	MINI 1-1/8"
Side 1 Type of Contact/Gender:	Pin Contact / Male
Connector Design:	Molded 1-1/8" Male Straight
Attachment Type:	Female Thread, Coupling Nut
Number of Pins:	12 (11+PE)
Coding, Side 1:	A
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C to + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Contact Base Material:	Copper Alloy (CuZn)
Side 1 Contact Plating:	Copper-Silver-Gold-Alloy (Cu/Ag/Au)
Contact Bearer Material:	Thermoplastic polyurethane (TPU)
Contact Bearer Color:	Yellow
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	Thermoplastic polyurethane (TPU)
Molded Body Color:	Yellow
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Aluminum (Al)
Attachment Plating:	Anodized Black
Fastening Torque (Attachment):	MINI: 70 Ncm, hand-tight
Note:	1. Do not connect or disconnect under load.

Cable Data

Cable Number:	776
Conductor Size:	18 AWG
Number of Wires:	12
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 5 mio
Conductor Material:	Cu
Cable Jacket Material:	Thermoplastic Elastomers (TPE)
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 11.10 mm 0.438"
Wire Insulation Material:	Polyvinyl chloride (PVC)
Insulated Wire Diameter:	Ø 2.00 mm 0.079"
Overall Shield (Cable):	Unshielded
Ambient Temperature (Fixed Installation):	- 40° C to + 90° C
Ambient Temperature (Flex Installation):	- 40° C to + 90° C
Ambient Temperature (Fixed Installation short-term 100h):	- 40° C to + 90° C
Ambient Temperature (Drag Chain Inst):	- 40° C to + 90° C
UL Cable Type:	PLTC or AWM Style 20626
Flammability Class (Cable Jacket):	FT4

Technical Data Side 2

Side 2 Product Sub Family:	MINI 1-1/8"
Side 2 Type of Contact/Gender:	Socket Contact / Female
Connector Design, Side 2:	Molded 1-1/8" Female Straight
Attachment Type, Side 2:	Female Thread, Coupling Nut
Number of Pins, Side 2:	12 (11+PE)
Coding, Side 2:	A
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 40° C to + 90° C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Contact Base Material, Side 2:	Copper Alloy (CuZn)

Contact Plating, Side 2:	Copper-Silver-Gold-Alloy (Cu/Ag/Au)
Contact Bearer Material, Side 2:	Thermoplastic polyurethane (TPU)
Contact Bearer Color, Side 2:	Yellow
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	Thermoplastic polyurethane (TPU)
Molded Body Color, Side 2:	Yellow
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	Aluminum (Al)
Attachment Plating, Side 2:	Anodized Black
Fastening Torque (Attachment), Side 2:	MINI: 70 Ncm, hand-tight
Note, Side 2:	1. Do not connect or disconnect under load.

Approvals

UL-File:	E315587
UL:	UL 2238; cURus

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Resistances

Halogenfree:	No
Oil Resistance:	Yes

Notes

Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked
Note Derating:	* Notice derating

Variants

Item #	Item Description	Cable Length
500004021	RSRK 1201M-776/1M	1 m
500003255	RSRK 1201M-776/2M	2 m
500004022	RSRK 1201M-776/3M	3 m
540001290	RSRK 1201M-776/4M	4 m
500003256	RSRK 1201M-776/5M	5 m
500003257	RSRK 1201M-776/10M	10 m
540002590	RSRK 1201M-776/12M	12 m
540002091	RSRK 1201M-776/15M	15 m
500003258	RSRK 1201M-776/20M	20 m
540004478	RSRK 1201M-776/35M	35 m
540004598	RSRK 1201M-776/60M	60 m

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