



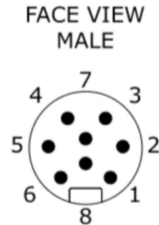
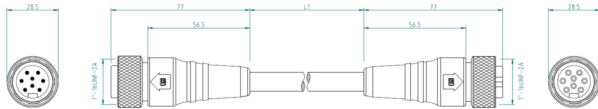
**Product:** [RSRK 801M-898](#)

1" Power Double-Ended Cordset: Male to Female, 8-pin, 600 V, 7 A; TPE yellow cable, 16 AWG

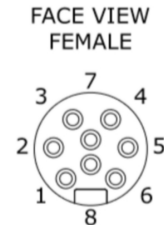
### Product Description

1" Power Double-Ended Cordset: Male, straight, 8-pin to Female, straight, 8-pin, yellow body, 600 V, 7 A; TPE yellow cable, 16 AWG, TC-ER Rated, US Color Code

### Technical Drawing



1 = OR  
2 = BU  
3 = WH/BK  
4 = BK  
5 = WH  
6 = RD  
7 = GN  
8 = RD/BK  
US COLOR CODE



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### Technical Specifications

#### Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	600 V
Rated Current*:	7 A

#### Technical Data Side 1

Product Sub Family:	1"
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling nut with internal threads
Number of Pins:	8
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP65, IP67

Contact Base Material:	CuZn
Contact Plating:	Au over Ag
Contact Bearer Material:	TPU
Contact Bearer Color:	YE
Molded Body Material:	TPU
Molded Body Color:	yellow
Attachment Material:	Anodized Bk, Al

## Cable Data

Cable Number:	898
Conductor Size:	16 AWG (65/34)
Number of Wires:	8
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Stranded, BC
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 10.92 mm
Wire Insulation Material:	PVC-Nylon
Insulated Wire Diameter:	Ø 2.77 mm
Ambient Temperature (Fixed Installation):	-30C TO 90C DRY, 75C WET
UL Cable Type:	NEC TYPE TC-ER (UL1277)
Flammability Class (Cable Jacket):	UL 1685, CSA FT4, IEEE 1202
Cable Characteristics:	Oil and Coolant, Vibration, UV, Abrasion, and Weld Spark resistant, Continuous Flex

## Technical Data Side 2

Product Sub Family, Side 2:	1"
Type of Contact / Gender, Side 2:	Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling nut with internal threads
Number of Pins, Side 2:	8
Ambient Temperature (Operation), Side 2*:	-40 °C to +90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Au over Ag
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	YE
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	yellow
Attachment Material, Side 2:	Anodized Bk, Al
Note, Side 2:	Do not connect / disconnect under load.

## Safety & Environmental Compliance

RoHS Compliant:	Yes
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## Notes

Protection Degree / IP Rating Note:	Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product
Note Derating:	Notice Derating

## Variants

Item #	Item Description	Cable Length	Replacement for
500004640	RSRK 801M-898/1M	1 m	RSRK 801M-698
500004612	RSRK 801M-898/2M	2 m	RSRK 801M-698
500004641	RSRK 801M-898/3M	3 m	RSRK 801M-698
500004616	RSRK 801M-898/4M	4 m	RSRK 801M-698
540001747	RSRK 801M-898/5M	5 m	RSRK 801M-698
540001748	RSRK 801M-898/6M	6 m	RSRK 801M-698
540001750	RSRK 801M-898/10M	10 m	RSRK 801M-698
540004082	RSRK 801M-898/21.5M	21.5 m	RSRK 801M-698
540004584	RSRK 801M-898/18.5M	18.5 m	RSRK 801M-698

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