



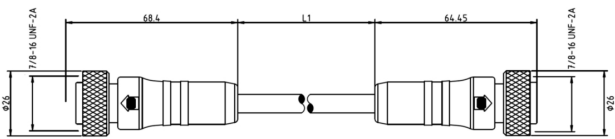
**Product:** [RSRK 401-839](#)

7/8" Power Double-Ended Cordset: Male straight to female straight, 4-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

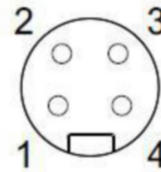
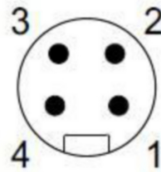
**Product Description**

RSRK 401-839 - 7/8" Power Double-Ended Cordset: Male straight to female straight, 4-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

**Technical Drawing**



FACE VIEW MALE      FACE VIEW FEMALE



- 1 = BK    □ ————— ( 1 = BK
- 2 = WH    □ ————— ( 2 = WH
- 3 = RD    □ ————— ( 3 = RD
- 4 = GN    □ ————— ( 4 = GN

**Technical Specifications**

**Product Description**

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	600 V
Rated Voltage (UL):	600 V
Rated Current*:	10 A
Rated Current (UL)*:	10 A

**Technical Data Side 1**

Product Sub Family:	7/8"
Type of Contact / Gender:	Male
Connector Design:	straight
Attachment Type:	Coupling nut with internal threads

Number of Pins:	4
Coding:	A
Ambient Temperature (Operation)*:	- 30 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67, NEMA 6P
Contact Base Material:	CuZn
Contact Plating:	Au over Ag
Contact Bearer Material:	TPU
Contact Bearer Color:	Yellow
Molded Body Material:	TPU
Molded Body Color:	Yellow
Attachment Material:	Al

## Cable Data

Cable Number:	839
Conductor Size:	16 AWG (65/34)
Number of Wires:	4
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Stranded, BC
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 8.7 mm
Wire Insulation Material:	PVC-Nylon
Insulated Wire Diameter:	Ø 2.5 mm
Ambient Temperature (Fixed Installation):	-30 °C to +90°C
UL Cable Type:	TC-ER (90°C Dry / 75°C Wet) 600 V
Flammability Class (Cable Jacket):	FT4 / IIEEC 1202
Cable Characteristics:	Oil and Coolant, Vibration, UV, Abrasion, and Weld Spark resistant, Continuous Flex

## Technical Data Side 2

Product Sub Family, Side 2:	7/8"
Type of Contact / Gender, Side 2:	Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	4
Coding, Side 2:	A
Ambient Temperature (Operation), Side 2*:	-40°C to +90°C
Operating Temperature (UL), Side 2:	- 30 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67, NEMA 6P
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Au/Ag
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Yellow
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Yellow
Attachment Material, Side 2:	Al
Attachment Plating, Side 2:	anodized black
Note, Side 2:	Do not connect or disconnect under load

## Approvals

UL-File:	E104696
UL:	UL recognized

## Safety & Environmental Compliance

RoHS Compliant:	Yes
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## Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
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## History

Update and Revision:	Revision Number: 0.74 Revision Date: 05-04-2023
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### Variants

Item #	Item Description	Cable Length
540003447	RSRK 401-839/0.5M	0.5 m
500003680	RSRK 401-839/1M	1 m
500003682	RSRK 401-839/2M	2 m
540003086	RSRK 401-839/12.5M	12.5 m
500004471	RSRK 401-839/3M	3 m
500003684	RSRK 401-839/4M	4 m
500003685	RSRK 401-839/5M	5 m
500003686	RSRK 401-839/6M	6 m
500003296	RSRK 401-839/10M	10 m
500004298	RSRK 401-839/15M	15 m
500004299	RSRK 401-839/19M	19 m
500003681	RSRK 401-839/20M	20 m
540003223	RSRK 401-839/22M	22 m
500004300	RSRK 401-839/25M	25 m
500004301	RSRK 401-839/30M	30 m
500004592	RSRK 401-839/35M	35 m
500004593	RSRK 401-839/40M	40 m
500004594	RSRK 401-839/70M	70 m

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