



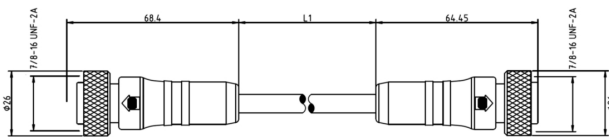
Product: [RSRK 601A-896](#)

7/8" Power Double-Ended Cordset: Male straight to female straight, 6-pin, yellow body, 600 V (UL), 8 A (UL); TPE yellow cable, 16 AWG

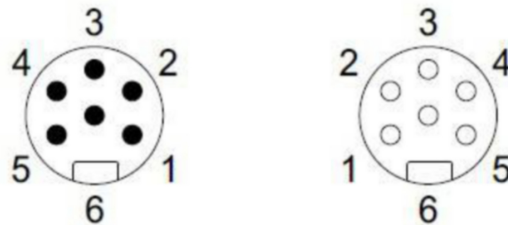
Product Description

RSRK 601A-896 - 7/8" Power Double-Ended Cordset: Male straight to female straight, 6-pin, yellow body, 600 V (UL), 8 A (UL); TPE yellow cable, 16 AWG

Technical Drawing



FACE VIEW MALE FACE VIEW FEMALE



1 = WH	1 = WH
2 = RD	2 = RD
3 = GN	3 = GN
4 = OR	4 = OR
5 = BK	5 = BK
6 = BU	6 = BU

Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	600 V
Rated Current*:	5 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:	6
Coding:	A

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

Cable Data

Cable Number:	896
Conductor Size:	16 AWG (65/34)
Number of Wires:	6
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Stranded, BC
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 10.18 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 / IEEC 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:	6
Coding, Side 2:	A
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.
Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.24 Revision Date: 03-22-2023
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Variants

Item #	Item Description	Cable Length
540000744	RSRK 601A-896/2M	2 m
540000569	RSRK 601A-896/4M	4 m
540001909	RSRK 601A-896/5M	5 m
540000844	RSRK 601A-896/6M	6 m
540001912	RSRK 601A-896/10M	10 m

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