



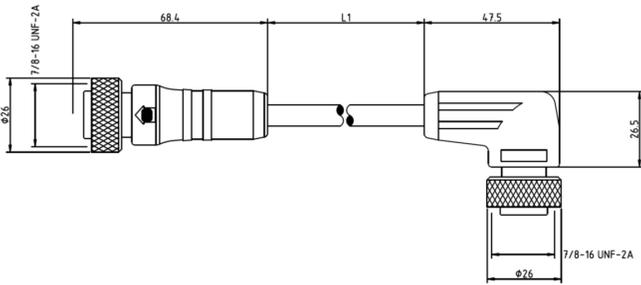
**Product:** [RSRKW 601A-896](#)

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

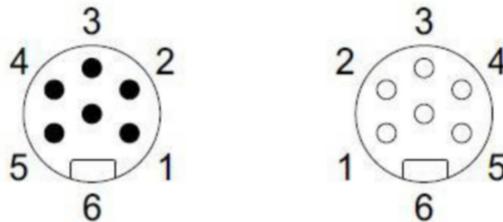
**Product Description**

RSRKW 601A-896 - 7/8" Power Double-Ended Cordset: Male straight to female angled, 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:	Angled (90°)
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
540001923	RSRKW 601A-896/2M	2 m
540001924	RSRKW 601A-896/4M	4 m
540001925	RSRKW 601A-896/5M	5 m
540001926	RSRKW 601A-896/6M	6 m
540001928	RSRKW 601A-896/10M	10 m

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