



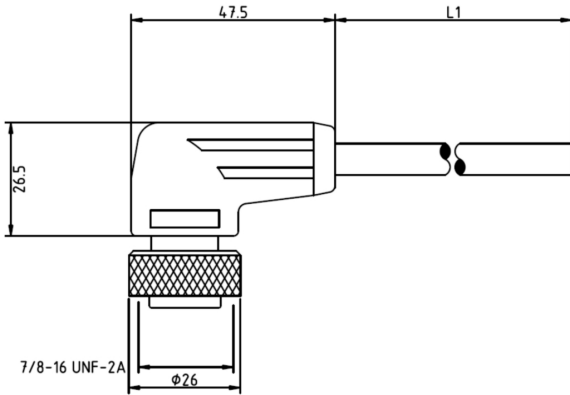
Product: [RSW 501-877](#)

7/8" Power Single-Ended Cordset: Male, angled, 5-pin, yellow body, 600 V (UL), 8 A (UL); TPE yellow cable, 16 AWG

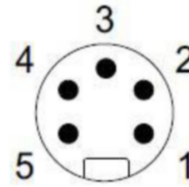
Product Description

RSW 501-877 - 7/8" Power Single-Ended Cordset: Male, angled, 5-pin, yellow body, 600 V (UL), 8 A (UL); TPE yellow cable, 16 AWG

Technical Drawing



FACE VIEW MALE



- 1 = WH
- 2 = RD
- 3 = GN
- 4 = OR
- 5 = BK

Technical Specifications

Technical Data

| | |
|---------------------------|------------------------------------|
| Product Family: | Power Connector |
| Product Sub Family: | 7/8" |
| Brand: | Lumberg Automation |
| Connector Type: | Cordset, single ended |
| Type of Contact / Gender: | Male |
| Connector Design: | angled |
| Number of Pins: | 5 |
| Coding: | A |
| Shielding: | Unshielded |
| Attachment Type: | Coupling nut with internal threads |
| Rated Voltage: | 600 V |
| Rated Voltage (UL): | 600 V |
| Rated Current*: | 8 A |
| Rated Current (UL)*: | 8 A |

| | |
|-----------------------------------|---------------------|
| Ambient Temperature (Operation)*: | - 30 °C - + 90 °C |
| Protection Degree / IP Rating**: | IP65, IP67, NEMA 6P |

Materials

| | |
|--------------------------|------------|
| 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: | 877 |
| Conductor Size: | 16 AWG (65/34) |
| Number of Wires: | 5 |
| Minimal Bending Radius (Flexible Inst): | > 10 x D |
| Conductor material: | Stranded, BC |
| Cable Jacket Material: | TPE |
| Cable Jacket Color: | Yellow |
| Cable Diameter D: | Ø 9.4 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 |

Approvals

| | |
|----------|---------------|
| UL-File: | E104696 |
| UL: | UL recognized |

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | Yes |
|-----------------|-----|

Notes

| | |
|-------------------------------------|--|
| Note Derating: | Notice derating |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.73 Revision Date: 03-22-2023 |
|----------------------|---|

Variants

| Item # | Item Description | Cable Length |
|-----------|------------------|--------------|
| 540002692 | RSW 501-877/4M | 4 m |
| 500003881 | RSW 501-877/5M | 5 m |
| 540002693 | RSW 501-877/6M | 6 m |
| 540002694 | RSW 501-877/10M | 10 m |

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