



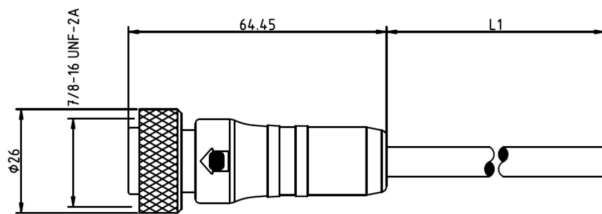
**Product:** [RS 401-839](#)

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

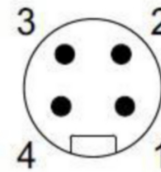
### Product Description

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

### Technical Drawing



### FACE VIEW MALE



1 = BK  
2 = WH  
3 = RD  
4 = GN

### 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:	straight
Number of Pins:	4
Coding:	A
Shielding:	Unshielded
Attachment Type:	Coupling nut with internal threads
Rated Voltage:	600 V
Rated Voltage (UL):	600 V
Rated Current*:	10 A
Rated Current (UL)*:	10

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:	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 / 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
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## 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: 0.76 Revision Date: 02-03-2025
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## Variants

Item #	Item Description	Cable Length
540003001	RS 401-839/1M	1 m
500003644	RS 401-839/2M	2 m
540002677	RS 401-839/4M	4 m
500003647	RS 401-839/5M	5 m
540002678	RS 401-839/6M	6 m
540003266	RS 401-839/8M	8 m
500004308	RS 401-839/10M	10 m
540003151	RS 401-839/12M	12 m
540003022	RS 401-839/30M	30 m
540003023	RS 401-839/45M	45 m

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