



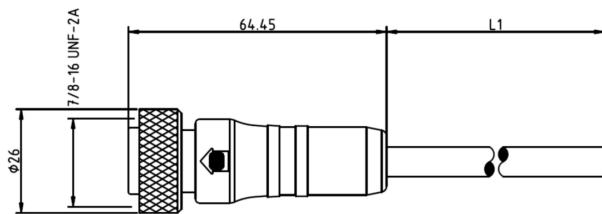
Product: [RK 30-838](#)

7/8" Power Single-Ended Cordset: Female, straight, 3-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

Product Description

RK 30-838 - 7/8" Power Single-Ended Cordset: Female, straight, 3-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

Technical Drawing



FACE VIEW FEMALE



1 = GN
2 = BK
3 = WH

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:	Female
Connector Design:	straight
Number of Pins:	3
Coding:	A
Shielding:	Unshielded
Attachment Type:	Coupling nut
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:	838
Conductor Size:	16 AWG (65/34)
Number of Wires:	3
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 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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Resistances

Oil Resistance:	Oil Res II
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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: 0.90 Revision Date: 05-05-2023
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Variants

Item #	Item Description	Cable Length
500004601	RK 30-838/0.5M	0.5 m
500004098	RK 30-838/1M	1 m
500004099	RK 30-838/2M	2 m
540003021	RK 30-838/12.5M	12.5 m
500004100	RK 30-838/3M	3 m
500004289	RK 30-838/4M	4 m
500004101	RK 30-838/5M	5 m
500004270	RK 30-838/6M	6 m
500004102	RK 30-838/10M	10 m
500004103	RK 30-838/15M	15 m
500004104	RK 30-838/20M	20 m
500004105	RK 30-838/25M	25 m
500004106	RK 30-838/30M	30 m

500004435	RK 30-838/50M	50 m
500004481	RK 30-838/90M	90 m

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