



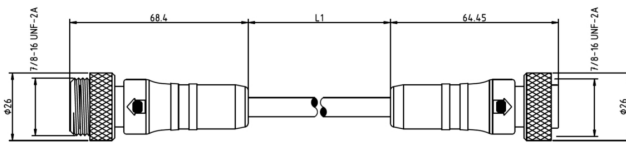
Product: [RSRK 30-838](#)

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

Product Description

RSRK 30-838 - 7/8" Power Double-Ended Cordset: Male straight to female straight, 3-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

Technical Drawing



FACE VIEW MALE FACE VIEW FEMALE



1 = GN □ ———— (1 = GN
2 = BK □ ———— (2 = BK
3 = WH □ ———— (3 = WH

Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	600 V
Rated Voltage (UL):	600 V
Rated Current*:	10 A
Rated Current (UL)*:	10 A

Technical Data Side 1

Product Sub Family:	7/8"
Type of Contact / Gender:	Male
Connector Design:	straight
Attachment Type:	Coupling nut with external threads

Number of Pins:	3
Coding:	A
Ambient Temperature (Operation)*:	- 30 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67, NEMA 6P
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 / IIEEC 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:	3
Coding, Side 2:	A
Ambient Temperature (Operation), Side 2*:	-30°C to +90°C
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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Resistances

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

Item #	Item Description	Cable Length
500004290	RSRK 30-838/0.5M	0.5 m
500004152	RSRK 30-838/1M	1 m
500004153	RSRK 30-838/2M	2 m
500004154	RSRK 30-838/3M	3 m
500004291	RSRK 30-838/4M	4 m
500004155	RSRK 30-838/5M	5 m
500004292	RSRK 30-838/6M	6 m
500004293	RSRK 30-838/7M	7 m
500004294	RSRK 30-838/8M	8 m
500004295	RSRK 30-838/9M	9 m
500004156	RSRK 30-838/10M	10 m
500004451	RSRK 30-838/12M	12 m
500004157	RSRK 30-838/15M	15 m
500004452	RSRK 30-838/18M	18 m
500004158	RSRK 30-838/20M	20 m
500004159	RSRK 30-838/25M	25 m
500004160	RSRK 30-838/30M	30 m
500004610	RSRK 30-838/35M	35 m
500004591	RSRK 30-838/40M	40 m

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