



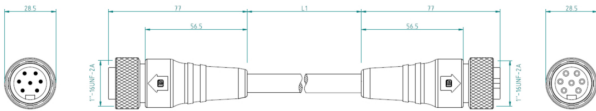
Product: [RSRK 701M-822](#)

1" Power Double-Ended Cordset: Male to Female, 7-pin, 600 V, 8 A; TPE yellow cable, 16 AWG

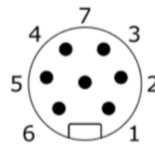
Product Description

1" Power Double-Ended Cordset: Male, straight, 7-pin to Female, straight, 7-pin, yellow body, 600 V, 8 A; TPE yellow cable, 16 AWG, TC-ER Rated, US Color Code

Technical Drawing



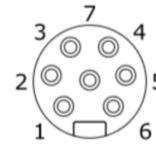
FACE VIEW
MALE



- 1 = WH/BK
- 2 = BK
- 3 = WH
- 4 = RD
- 5 = OR
- 6 = BU
- 7 = GN

US COLOR CODE

FACE VIEW
FEMALE



- 1 = WH/BK
- 2 = BK
- 3 = WH
- 4 = RD
- 5 = OR
- 6 = BU
- 7 = GN

US COLOR CODE

Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Unshielded
Voltage Rating:	600 V
Current Rating:	8 A

Technical Data Side 1

Side 1 Product Sub Family:	1"
Side 1 Type of Contact/Gender:	Male
Connector Design:	1" Male 7 Pole 0°
Attachment Type:	Coupling nut with internal threads
Number of Pins:	7
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP65, IP67

Contact Base Material:	CuZn
Side 1 Contact Plating:	Au over Ag
Contact Bearer Material:	TPU
Contact Bearer Color:	YE
Molded Body Material:	TPU
Molded Body Color:	yellow
Attachment Material:	Anodized Bk, Al

Cable Data

Cable Number:	822
Conductor Size:	16 AWG (65/34)
Number of Wires:	7
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor Material:	Stranded, BC
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 10.55 mm
Wire Insulation Material:	PVC-Nylon
Insulated Wire Diameter:	Ø 2.77 mm
Ambient Temperature (Fixed Installation):	-30C TO 90C DRY, 75C WET
UL Cable Type:	NEC TYPE TC-ER (UL1277)
Flammability Class (Cable Jacket):	UL 1685, CSA FT4, IEEE 1202
Cable Characteristics:	Oil and Coolant, Vibration, UV, Abrasion, and Weld Spark resistant, Continuous Flex

Technical Data Side 2

Side 2 Product Sub Family:	1"
Side 2 Type of Contact/Gender:	Female
Connector Design, Side 2:	1" Female 7 Pole 0°
Attachment Type, Side 2:	Coupling nut with internal threads
Number of Pins, Side 2:	7
Ambient Temperature (Operation), Side 2*:	-40 °C to +90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Au over Ag
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	YE
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	yellow
Attachment Material, Side 2:	Anodized Bk, Al
Note, Side 2:	Do not connect / disconnect under load.

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Protection Degree / IP Rating Note:	Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product
Note Derating:	Notice Derating

Variants

Item #	Item Description	Cable Length
540004419	RSRK 701M-822/0.3M	0.3 m
540000751	RSRK 701M-822/1M	1 m
540001731	RSRK 701M-822/2M	2 m
540004074	RSRK 701M-822/3M	3 m
540000750	RSRK 701M-822/4M	4 m
540001733	RSRK 701M-822/5M	5 m
540001734	RSRK 701M-822/6M	6 m
540001736	RSRK 701M-822/10M	10 m
33038	RSRK 701M-822/10 M	10 m

540004643	RSRK 701M-822/15M	15 m
540004644	RSRK 701M-822/22M	22 m

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