

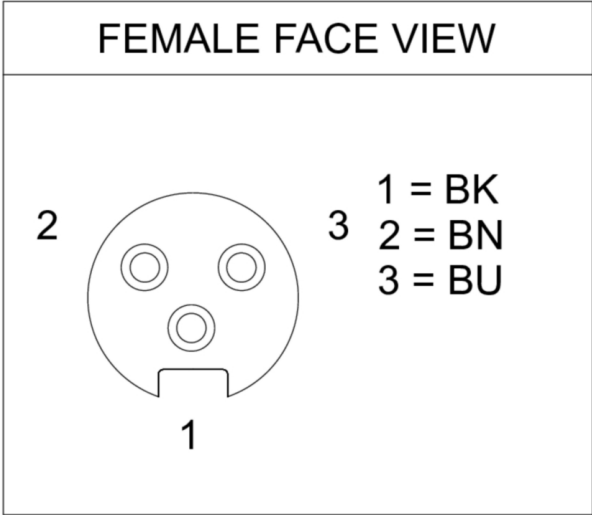
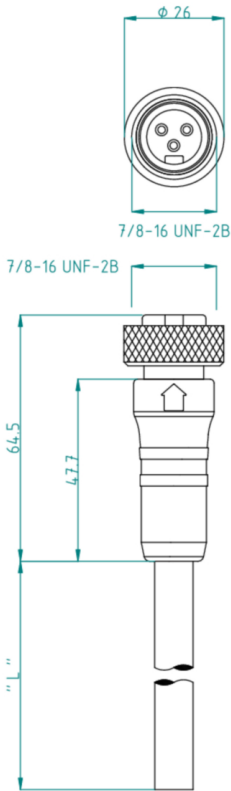


Product: [RK 30-645](#) 

7/8" - Female 0° | #Contacts: 3 | 300 V | Cable PUR YE, 18 AWG, IEC | cURus

Product Description
 7/8" Molded Cordset Female Straight | #Contacts: 3 | 300 V / 8 A | Cable PUR Yellow, 3x18 AWG, IEC | cURus 2238

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8" (2, 3, 4, 5, 6 contacts)
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Socket Contact / Female
Connector Design:	Straight (0°) Body w/ Internal Thread Coupling Nut
Number of Pins:	3
Shielding:	Unshielded

Attachment Type:	Round Coupling Nut
Rated Voltage:	300 V
Rated Current*:	8 A
Ambient Temperature (Operation)*:	- 40 °C to + 90°C
Protection Degree / IP Rating**:	IP65, IP67, NEMA 6P

Materials

Contact Base Material:	Brass (CuZn)
Contact Plating:	Gold over Silver (Au / Ag)
Contact Bearer Material:	Thermoplastic polyurethane (TPU)
Contact Bearer Color:	Yellow
Molded Body Material:	Thermoplastic polyurethane (TPU)
Molded Body Color:	Yellow
Attachment Material:	Aluminum (Al), Anodized Black

Cable Data

Cable Number:	645
Conductor Size:	18 AWG
Number of Wires:	3
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Cu
Cable Characteristics:	See downloads tab for details

Approvals

UL-File:	E315587
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Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked

Variants

Item #	Item Description	Cable Length
500001332	RK 30-645/2M	2 m
500001333	RK 30-645/5M	5 m
500000851	RK 30-645/10M	10 m

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