



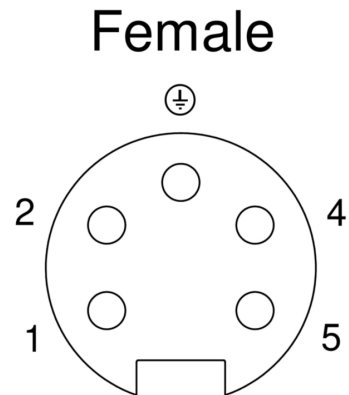
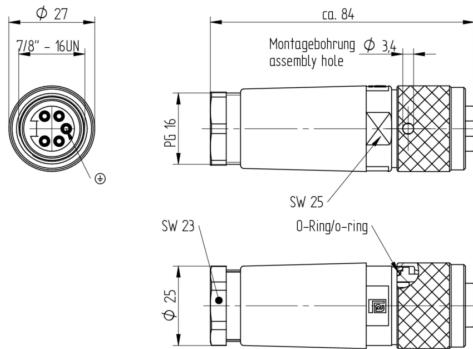
Product: [RKC 50/16](#)

7/8" - Female 0° | #Contacts: 5 | 600 V | Black Housing, Black PG16 Cable Gland | cURus

Product Description

7/8" - Field Attachable Female Straight Connector | #Contacts: 5 (4+PE) | 600 V / 12 A | Black Housing, Black PG16 Cable Gland | cURus

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Side 1 Product Sub Family:	7/8" (2, 3, 4, 5, 6 contacts)
Brand:	Lumberg Automation
Connector Type:	Field Attachable
Connector Sub Type:	7/8"
Side 1 Type of Contact/Gender:	Socket Contacts / Female
Connector Design:	7/8" Female 5 Pole 0°
Number of Pins:	5 (4+PE)
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Female Thread (coupling nut)
Voltage Rating:	250 V (IEC Standard)
Rated Voltage (UL):	600 V
Current Rating:	9 A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Type of Connection:	Screw terminal
Cable Gland:	PG 16
Cross Section:	max. 1.0 mm ²

Suitable Cables:	Ø 12.0-14.0 mm
Ambient Temperature (Operation)*:	- 40 °C to + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	Brass (CuZn)
Side 1 Contact Plating:	Copper-Gold Alloy (Cu/Au)
Contact Bearer Material:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color:	Black
Housing Material:	Nylon 66 (PA 66)
Housing Color:	Black
Cable Gland Material:	Nylon 66 (PA 66)
Cable Gland Gasket:	Nitrile Butadiene Rubber (NBR)
Cable Gland Color:	Black
Attachment Material:	Aluminum (Al)
Attachment Plating:	Anodized black
O-Ring Material:	Nitrile Butadiene Rubber (NBR)

Approvals

UL-File:	E104696
UL:	cURus

Safety & Environmental Compliance

RoHS Compliant:	Compliant
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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
Note:	Do not connect / disconnect under load.

Variants

Item #	Item Description	Cable Gland Material
11224	RKC 50/16	Nylon 66 (PA 66)

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