

**Product:** [RKW 40-02](#)

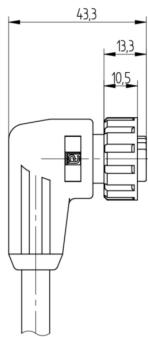
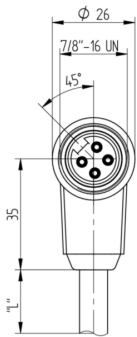
7/8" - Female 90° | #Contacts: 4 | 250 V | Cable PVC OR, 0.50mm<sup>2</sup>, IEC



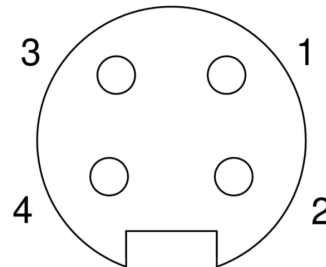
### Product Description

7/8" Molded Cordset Female Angled | #Contacts: 4 | 250 V / 9 A | Cable PVC Orange, 4x0.50mm<sup>2</sup>, IEC

### Technical Drawing



### Female



### Technical Specifications

#### Face View

Pin 1	Pin 2	Pin 3	Pin 4
brown	white	blue	black

#### Technical Data

Product Family:	Power Connector
Side 1 Product Sub Family:	7/8" (2, 3, 4, 5, 6 contacts)
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Socket Contact / Female
Connector Design:	7/8"   Female   4 Pole   90°
Number of Pins:	4
Shielding Type:	Unshielded
Attachment Type:	Hex Coupling Nut
Voltage Rating:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Current Rating:	9 A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Ambient Temperature (Operation)*:	- 40 °C to + 90°C
Protection Degree / IP Rating**:	IP65, IP67, NEMA 6P

Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
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### Materials

Contact Base Material:	Brass (CuZn)
Side 1 Contact Plating:	Gold over Silver (Au / Ag)
Contact Bearer Material:	Thermoplastic polyurethane (TPU)
Contact Bearer Color:	Orange
Molded Body Material:	Thermoplastic polyurethane (TPU)
Molded Body Color:	Orange
Attachment Material:	Polyamide (PA), Black

### Cable Data

Cable Number:	02
Conductor Size:	0.5 mm <sup>2</sup>
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor Material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	orange
Cable Diameter D:	ø 6.30 ±0.20 mm
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 1.80 mm
Ambient Temperature (Fixed Installation):	- 40 °C to +90 °C
Ambient Temperature (Flex Installation):	+ 5 °C to +90 °C
UL Cable Type:	AWM: 2654
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL VW-1; flame-retardant and self-extinguishing
Cable Characteristics:	See downloads tab for details

### Safety & Environmental Compliance

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

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