

Product: [RSW 20-03](#)

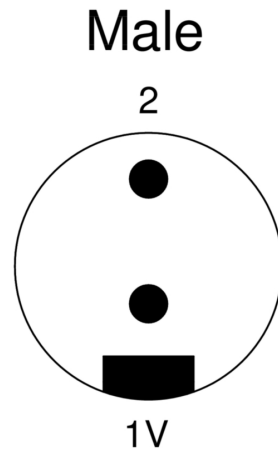
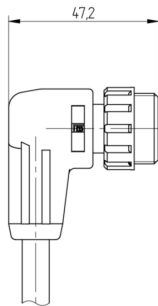
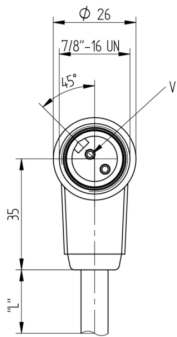
7/8 - Male 90° | #Contacts: 2 | 250 V | Cable PVC OR, 0.75mm², IEC"



Product Description

7/8 Molded Cordset Male Angled | #Contacts: 2 | 250 V / 12 A | Cable PVC Orange, 2x0.75mm², IEC"

Technical Drawing



Technical Specifications

Face View

Pin 1	Pin 2
brown	blue

Technical Data

Product Family:	Power Connector
Side 1 Product Sub Family:	MINI 7/8"
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Pin Contact / Male
Connector Design:	Molded 7/8" Male Angled
Number of Pins:	2
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Male Thread, Coupling Screw
Voltage Rating:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Current Rating:	12 A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100

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)

Materials

Contact Base Material:	Copper Alloy (CuZn)
Side 1 Contact Plating:	Copper-Silver-Gold-Alloy (Cu/Ag/Au)
Contact Bearer Material:	Thermoplastic polyurethane (TPU)
Contact Bearer Color:	Orange
Molded Body Material:	Thermoplastic polyurethane (TPU)
Molded Body Color:	Orange
Attachment Material:	Polyamide (PA)

Additional Technical Data

Fastening Torque (Attachment):	MINI: 70 Ncm, hand-tight
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Cable Data

Cable Number:	03
Conductor Size:	0.75 mm ²
Number of Wires:	2
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 6.80 ±0.20 mm
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 2.40 mm
Overall Shield (Cable):	Unshielded
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:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked

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