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lumbergautomation
A BELDEN BRAND

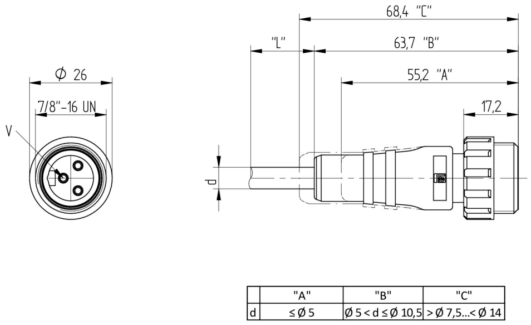
Product: RS 30-01

7/8" Power Single-Ended Cordset: Male, straight, 3-pin(2+PE), orange body, 230 V AC/DC, 12 A; PVC orange cable, 0.75 mm²

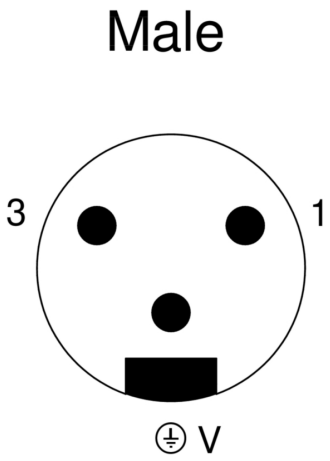
Product Description

7/8" Power Single-Ended Cordset: Male, straight, 3-pin(2+PE), orange body, 230 V AC/DC, 12 A; PVC orange cable, 0.75 mm²

Technical Drawing



	"A"	"B"	"C"
d	≤ Ø 5	Ø 5 < d ≤ Ø 10,5	> Ø 7,5...< Ø 14



Technical Specifications

Face View

Pin 1	Pin 2	Pin 3
brown	green-yellow	blue

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8" Circular Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	male
Connector Design:	straight
Number of Pins:	3(2+PE)
Shielding:	Unshielded
Attachment Type:	Coupling Screw
Rated Voltage:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Rated Current*:	12 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP68

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

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	orange
Molded Body Material:	TPU
Molded Body Color:	orange
Attachment Material:	PA, black

Cable Data

Cable Number:	01
Conductor Size:	0.75 mm²
Number of Wires:	3
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 7.20 ±0.20 mm
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 2.40 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

Safety & Environmental Compliance

RoHS Compliant:	yes

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.

Variants

Item #	Item Description	Cable Length
91169	RS 30-01/0,9 M	0.9 m
11568	RS 30-01/2 M	2 m
11569	RS 30-01/5 M	5 m

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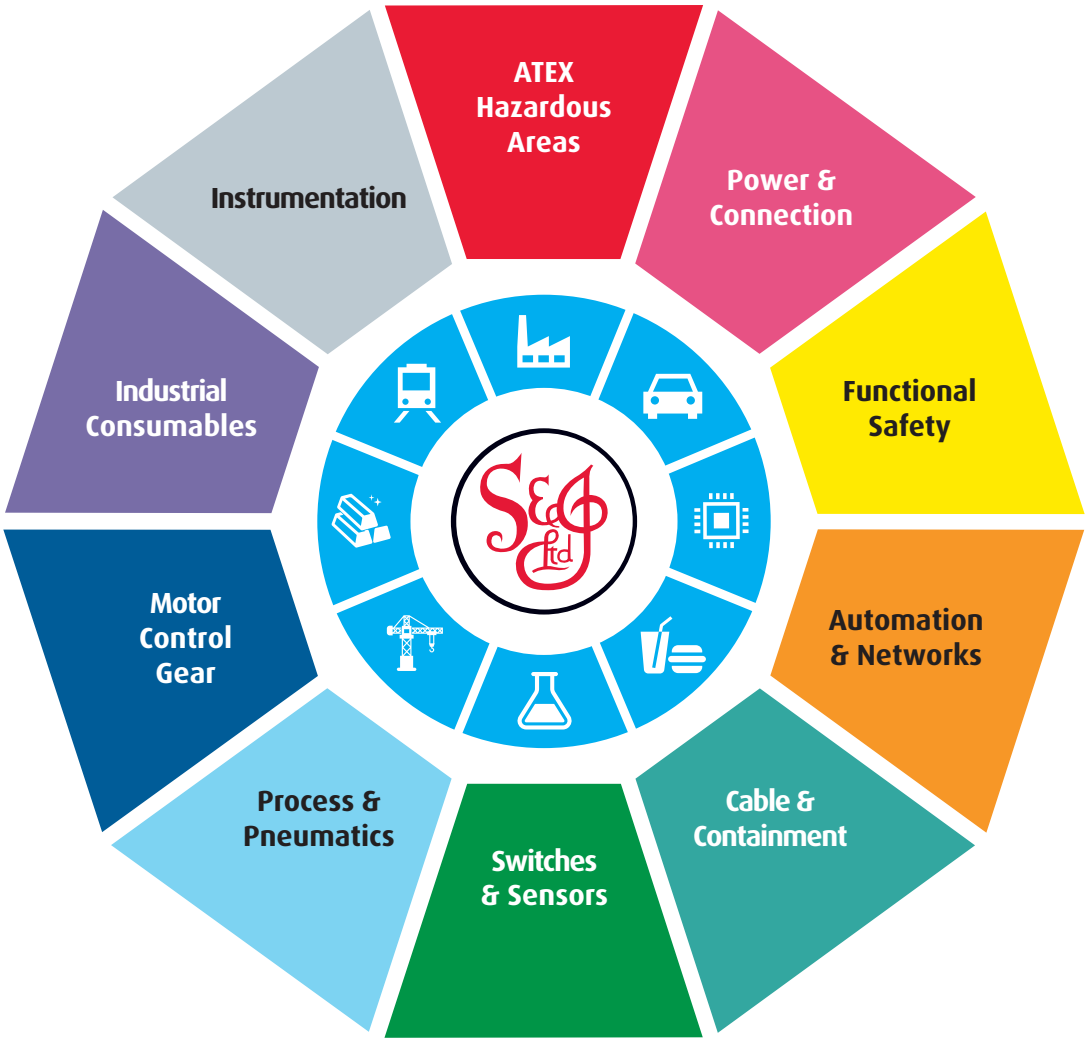

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