



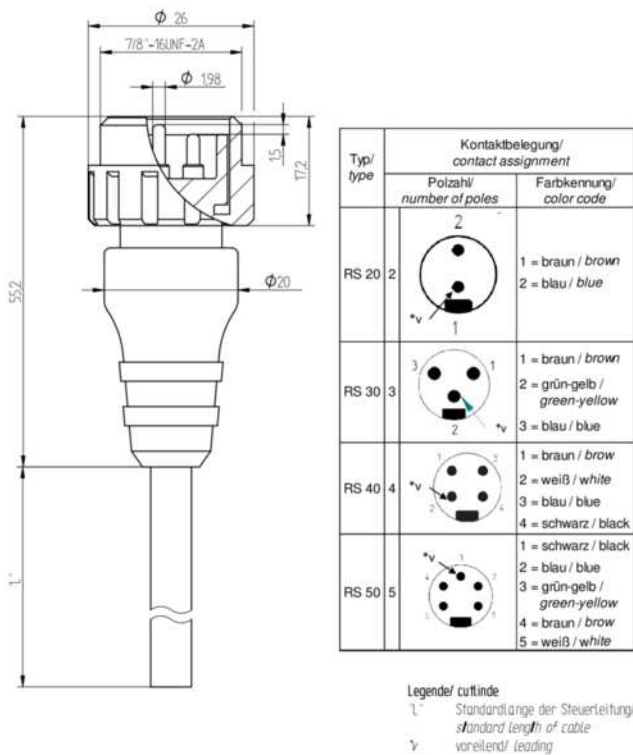
## Part Number: RS 20-03

7/8" Power Single-Ended Cordset: Male, straight, 2-pin, orange body, 230 V AC/DC, 12 A; PVC orange cable, 0.75 mm<sup>2</sup>

### Product Description

7/8" Power Single-Ended Cordset: Male, straight, 2-pin, orange body, 230 V AC/DC, 12 A; PVC orange cable, 0.75 mm<sup>2</sup>

### Technical Drawing



### Technical Specifications

#### 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:	2
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 <sup>9</sup> Ohm
Ambient Temperature (Operation):	-40 °C to +90 °C
Protection Degree / IP Rating:	IP68 (2h at 10 bar)
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:	03
Conductor Size:	0.75 mm <sup>2</sup>
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
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
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## Notes

Protection Degree / IP Rating Note:	* only if mounted and locked in combination with Hirschmann / Lumberg connector.
Note Derating:	* Notice derating
Note:	Do not connect / disconnect under load.

## Variants

Item #	Item Description	Cable Length
97882	RS 20-03/0,7 M	0.7 m
97865	RS 20-03/1,05 M	1.05 m
97876	RS 20-03/1,2 M	1.2 m
97867	RS 20-03/1,6 M	1.6 m
97866	RS 20-03/1,9 M	1.9 m
11566	RS 20-03/2 M	2 m
97868	RS 20-03/2,2 M	2.2 m
11567	RS 20-03/5 M	5 m
934636559	RS 20-03/10 M	10 m
107799	RS 20-03/15 M	15 m

Update and Revision:	Revision Number: 0.58 Revision Date: 10-04-2018
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