

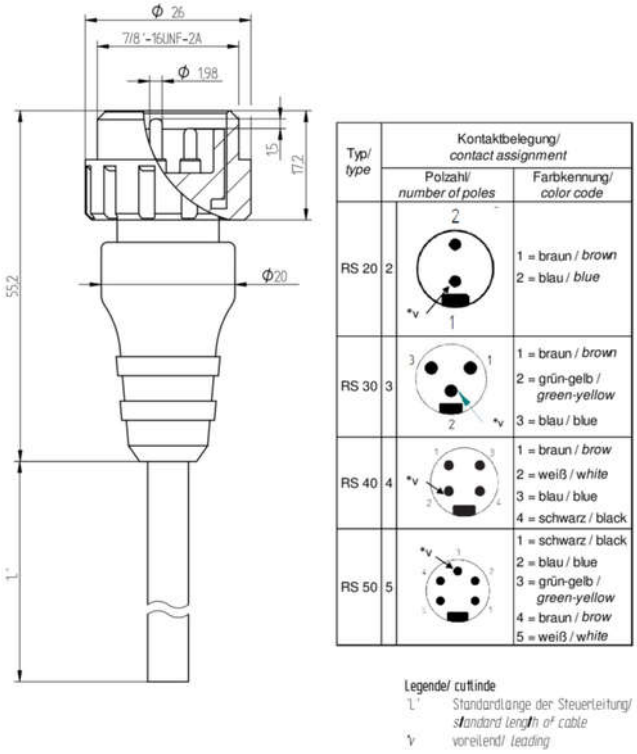
Product: RS 20-03

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

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 mm²

Technical Drawing



Typ/ type		Kontaktbelegung/ contact assignment: Polzahl/ number of poles	Farbkennung/ color code
RS 20	2		1 = braun / brown 2 = blau / blue
RS 30	3		1 = braun / brown 2 = grün-gelb / green-yellow 3 = blau / blue
RS 40	4		1 = braun / brow 2 = weiß / white 3 = blau / blue 4 = schwarz / black
RS 50	5		1 = schwarz / black 2 = blau / blue 3 = grün-gelb / green-yellow 4 = braun / brow 5 = weiß / white

Legende/ cutlinde
"L" Standardlange der Steuerleitung/ standard length of cable
"v" voreilend/ leading

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:	> 10^9 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
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

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

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