lumbergautomation
A BELDEN BRAND



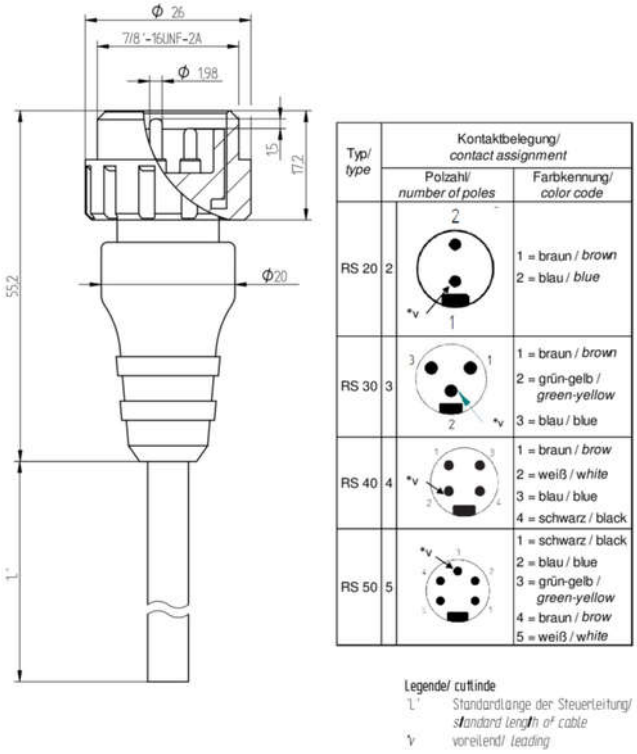
Product: RS 40-02

7/8" Power Single-Ended Cordset: Male, straight, 4-pin, orange body, 230 V AC/DC, 9 A; PVC orange cable, 0.50 mm²

Product Description

7/8" Power Single-Ended Cordset: Male, straight, 4-pin, orange body, 230 V AC/DC, 9 A; PVC orange cable, 0.50 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:	4
Shielding:	Unshielded
Attachment Type:	Coupling Screw
Rated Voltage:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Rated Current:	9 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:	02
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

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
97870	RS 40-02/2,25 M	2.25 m
81233	RS 40-02/1 M	1 m
11572	RS 40-02/2 M	2 m
11573	RS 40-02/5 M	5 m
14176	RS 40-02/10 M	10 m

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