



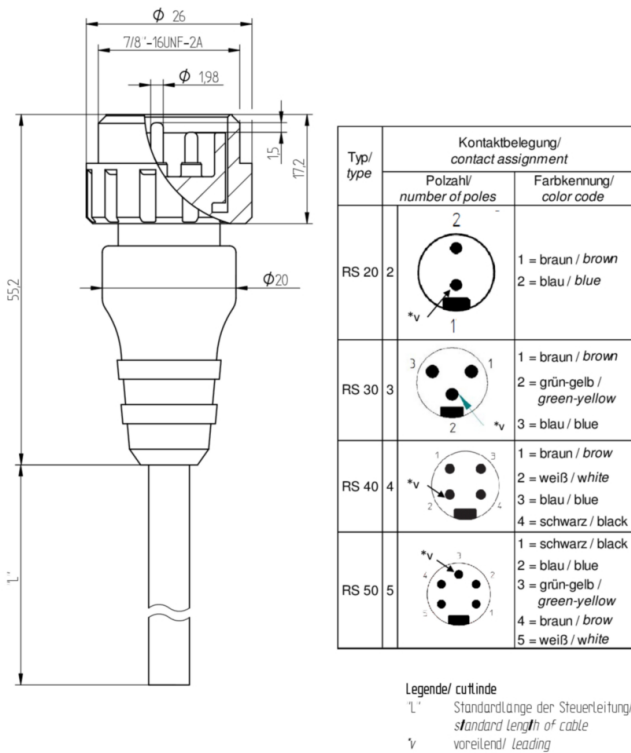
## Part Number: RS 50-04

7/8" Power Single-Ended Cordset: Male, straight, 5-pin(4+PE), orange body, 230 V AC/DC, 9 A; PVC orange cable, 0.50 mm²

### Product Description

7/8" Power Single-Ended Cordset: Male, straight, 5-pin(4+PE), orange body, 230 V AC/DC, 9 A; PVC orange cable, 0.50 mm²

### 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:           | 5(4+PE)                  |
| 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 <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:                             | 04                                                                                                 |
| Conductor Size:                           | 0.50 mm²                                                                                           |
| Number of Wires:                          | 5                                                                                                  |
| 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 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 |
|-----------|------------------|--------------|
| 14185     | RS 50-04/0,9 M   | 0.9 m        |
| 11574     | RS 50-04/2 M     | 2 m          |
| 11575     | RS 50-04/5 M     | 5 m          |
| 934637131 | RS 50-04/15 M    | 15 m         |

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.62 Revision Date: 10-04-2018 |
|----------------------|-------------------------------------------------|

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