



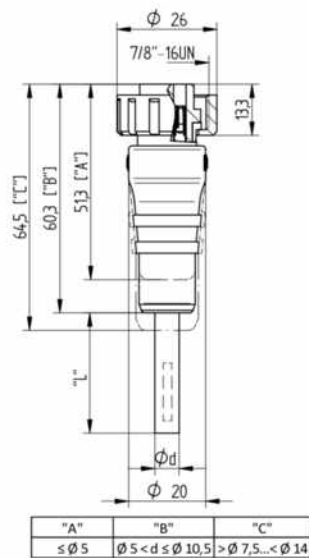
Part Number: RK 40-02

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

Technical Drawing



| Typ type | Kontaktbelegung contact assignment | |
|-------------|---------------------------------------|---|
| | Polszahl/ number of poles | Farbkennung/ colour code |
| RK 20 | | 1 = braun / brown 2 = blau / blue |
| RK 30 | | 1 = braun / brown 2 = gelb-grün / yellow-green 3 = braun / brown |
| RK 40 | | 1 = braun / brown 2 = weiß / white 3 = blau / blue 4 = schwarz / black |
| RK 50 | | 1 = schwarz / black 2 = blau / blue 3 = gelb-grün / yellow-green 4 = braun / brown 5 = weiß / white |

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: | female |
| Connector Design: | straight |
| Number of Pins: | 4 |
| Shielding: | Unshielded |

| | |
|----------------------------------|---------------------------------------|
| Attachment Type: | Coupling Nut |
| 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 |
| Conductor Size: | 0.50 mm ² |
| 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 |
|--------|------------------|--------------|
| 77682 | RK 40-02/0,7 M | 0.7 m |
| 11177 | RK 40-02/2 M | 2 m |
| 11178 | RK 40-02/5 M | 5 m |
| 12853 | RK 40-02/10 M | 10 m |
| 12850 | RK 40-02/15 M | 15 m |

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.71 Revision Date: 10-04-2018 |
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