



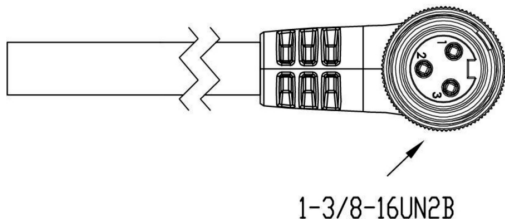
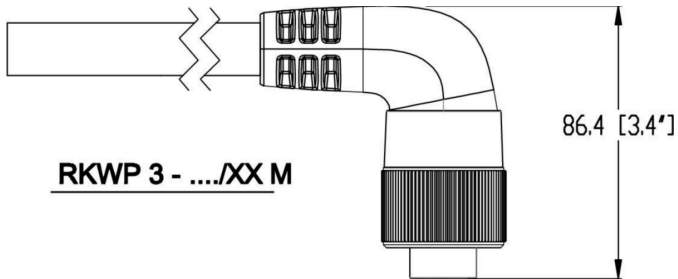
**Product:** [RKWP 3-800](#) 

Mini Power Single-Ended Cordset: 1 3/8", female, angled, 3-pin(2+PE), black body, 600 V, 42 A; TPE black cable, 10 AWG

### Product Description

Mini Power Single-Ended Cordset: 1 3/8", female, angled, 3-pin(2+PE), black body, 600 V, 42 A; TPE black cable, 10 AWG

### Technical Drawing



### Technical Specifications

#### Technical Data

|                                   |                       |
|-----------------------------------|-----------------------|
| Product Family:                   | Power Connector       |
| Product Sub Family:               | 1 3/8"                |
| Brand:                            | Lumberg Automation    |
| Connector Type:                   | Cordset, single ended |
| Type of Contact / Gender:         | female                |
| Connector Design:                 | angled                |
| Number of Pins:                   | 3(2+PE)               |
| Shielding:                        | Unshielded            |
| Attachment Type:                  | Coupling Nut          |
| Rated Voltage (UL):               | 600 V                 |
| Rated Current (UL)*:              | 42 A                  |
| Ambient Temperature (Operation)*: | -30 °C to +90 °C      |
| Protection Degree / IP Rating**:  | IP 67, IP 68          |

#### Materials

|                        |      |
|------------------------|------|
| Contact Base Material: | CuSn |
|------------------------|------|

|                          |       |
|--------------------------|-------|
| Contact Plating:         | Ni/Au |
| Contact Bearer Material: | PVC   |
| Contact Bearer Color:    | black |
| Molded Body Material:    | PVC   |
| Molded Body Color:       | black |
| Attachment Material:     | CuZn  |

Cable Data

|   |                 |
|---|-----------------|
| Cable Number:                             | 800             |
| Conductor Size:                           | 10 AWG          |
| Number of Wires:                          | 3               |
| Cable Jacket Material:                    | TPE             |
| Cable Jacket Color:                       | black           |
| Cable Diameter D:                         | ø 0.474"        |
| Wire Insulation Material:                 | PVC/NYLON       |
| Ambient Temperature (Fixed Installation): | -30 °C to +90 ° |
| Flammability Class (Cable Jacket):        | FT-4            |

Approvals

|          |         |
|----------|---------|
| UL-File: | E482233 |
| UL:      | TC-ER   |

Safety & Environmental Compliance

|                 |     |
|-----------------|-----|
| RoHS Compliant: | Yes |
|-----------------|-----|

Resistances

|                 |              |
|-----------------|--------------|
| Oil Resistance: | Oil Res I/II |
| UV Resistance:  | Sunlight Res |

Notes

|                                     |  |
|-------------------------------------|--|
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
|-------------------------------------|--|

Variants

| Item #    | Item Description | Cable Length |
|-----------|------------------|--------------|
| 511000557 | RKWP 3-800/0.5M  | 0.5 m        |
| 511000558 | RKWP 3-800/1M    | 1 m          |
| 511000559 | RKWP 3-800/1.5M  | 1.5 m        |
| 511000560 | RKWP 3-800/2M    | 2 m          |
| 511000561 | RKWP 3-800/2.5M  | 2.5 m        |
| 511000562 | RKWP 3-800/3M    | 3 m          |
| 511000563 | RKWP 3-800/4M    | 4 m          |
| 511000564 | RKWP 3-800/5M    | 5 m          |
| 511000565 | RKWP 3-800/6M    | 6 m          |
| 511000566 | RKWP 3-800/8M    | 8 m          |
| 511000567 | RKWP 3-800/10M   | 10 m         |
| 511000568 | RKWP 3-800/12M   | 12 m         |
| 511000569 | RKWP 3-800/14M   | 14 m         |
| 511000570 | RKWP 3-800/15M   | 15 m         |
| 511000571 | RKWP 3-800/18M   | 18 m         |
| 511000572 | RKWP 3-800/20M   | 20 m         |
| 511000573 | RKWP 3-800/22M   | 22 m         |
| 511000574 | RKWP 3-800/25M   | 25 m         |
| 511000575 | RKWP 3-800/30M   | 30 m         |
| 511000576 | RKWP 3-800/35M   | 35 m         |
| 511000577 | RKWP 3-800/40M   | 40 m         |
| 511000578 | RKWP 3-800/45M   | 45 m         |
| 511000579 | RKWP 3-800/50M   | 50 m         |

© 2021 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Lumberg Automation:

[RKWP 3-800/22M](#) [RKWP 3-800/1.5M](#) [RKWP 3-800/14M](#) [RKWP 3-800/2M](#) [RKWP 3-800/20M](#) [RKWP 3-800/18M](#)  
[RKWP 3-800/15M](#) [RKWP 3-800/2.5M](#) [RKWP 3-800/50M](#) [RKWP 3-800/3M](#) [RKWP 3-800/4M](#) [RKWP 3-800/12M](#)  
[RKWP 3-800/6M](#) [RKWP 3-800/0.5M](#) [RKWP 3-800/10M](#) [RKWP 3-800/25M](#) [RKWP 3-800/30M](#) [RKWP 3-800/40M](#)  
[RKWP 3-800/45M](#) [RKWP 3-800/35M](#) [RKWP 3-800/5M](#) [RKWP 3-800/1M](#) [RKWP 3-800/8M](#)