



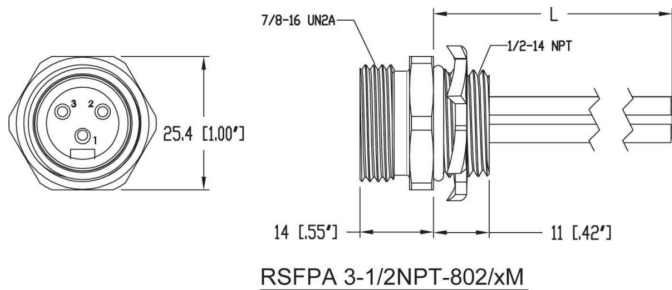
**Product:** [RSFPA 3-1/2NPT-802](#) 

Mini Power Receptacle Connector: 7/8", male, front mount, 3-pin(2+PE), silver housing, 600 V, 18 A, 14 AWG

**Product Description**

Mini Power Receptacle Connector: 7/8", male, front mount, 3-pin(2+PE), silver housing, 600 V, 18 A, 14 AWG

**Technical Drawing**



**Technical Specifications**

**Technical Data**

|                                   |                    |
|-----------------------------------|--------------------|
| Product Family:                   | Power Connector    |
| Product Sub Family:               | Mini Power 7/8"    |
| Brand:                            | Lumberg Automation |
| Connector Type:                   | Receptacle         |
| Type of Contact / Gender:         | male               |
| Connector Design:                 | straight           |
| Number of Pins:                   | 3(2+PE)            |
| Shielding:                        | Unshielded         |
| Rated Voltage (UL):               | 600 V              |
| Rated Current (UL)*:              | 18 A               |
| Mating Cycles:                    | ≤ 100              |
| Ambient Temperature (Operation)*: | -40°C to +90°C     |
| Protection Degree / IP Rating**:  | IP65, IP67         |

**Materials**

|                          |          |
|--------------------------|----------|
| Contact Base Material:   | Cu Alloy |
| Contact Plating:         | Au       |
| Contact Bearer Material: | PVC      |
| Contact Bearer Color:    | black    |
| Housing Material:        | Brass    |
| Housing Plating:         | Ni       |
| Housing Color:           | Silver   |

**Cable Data**

|                 |        |
|-----------------|--------|
| Conductor Size: | 14 AWG |
|-----------------|--------|

|                                           |                  |
|-------------------------------------------|------------------|
| Number of Wires:                          | 3                |
| Conductor material:                       | Cu               |
| Wire Insulation Material:                 | PVC              |
| Insulated Wire Diameter:                  | ø 0.132 in       |
| Ambient Temperature (Fixed Installation): | -40 °C to +90 °C |

Approvals

|          |                      |
|----------|----------------------|
| UL-File: | UL: E482233          |
| UL:      | UL 2237              |
| CSA:     | C-UL LISTED: E482233 |

Safety & Environmental Compliance

|                 |     |
|-----------------|-----|
| RoHS Compliant: | yes |
|-----------------|-----|

Notes

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

Variants

| Item #    | Item Description        | Cable Length |
|-----------|-------------------------|--------------|
| 511000778 | RSFPA 3-1/2NPT-802/0.5M | 0.5 m        |
| 511000779 | RSFPA 3-1/2NPT-802/1M   | 1 m          |
| 511000780 | RSFPA 3-1/2NPT-802/3M   | 3 m          |

© 2024 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.