

**Product:** [RSF 30-695](#)

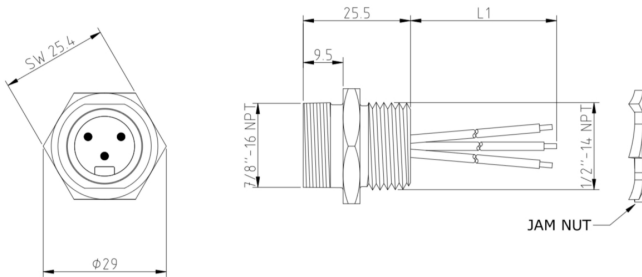
7/8" Power Receptacle: Male, straight, 3-pin, front mount, 300 V, 8 A, with 18 AWG pigtail wires



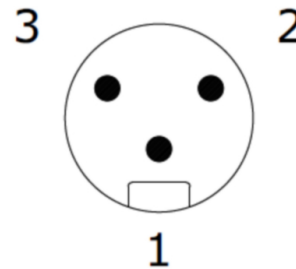
**Product Description**

7/8" Power Receptacle: Male, straight, 3-pin, front mount, 1/2" 14-NPT panel tap, 300 V (UL), 8 A (UL), 18 AWG, IEC Color Code

**Technical Drawing**



**FACE VIEW  
MALE**



- 1 = BK
- 2 = BN
- 3 = BU

**IEC COLOR CODE**

**Technical Specifications**

**Technical Data**

|                           |  |
|---------------------------|--|
| Product Family:           | Power Connector                        |
| Product Sub Family:       | 7/8"                                   |
| Brand:                    | Lumberg Automation                     |
| Connector Type:           | Receptacle                             |
| Type of Contact / Gender: | Male                                   |
| Connector Design:         | Front Mount, 1/2-14 NPT panel tap size |

|                                   |                        |
|-----------------------------------|------------------------|
| Number of Pins:                   | 3                      |
| Coding:                           | A                      |
| Shielding:                        | Unshielded             |
| Attachment Type:                  | Fixed, External Thread |
| Rated Voltage:                    | 300 V                  |
| Rated Voltage (UL):               | 300 V                  |
| Rated Current*:                   | 8 A                    |
| Rated Current (UL)*:              | 8 A                    |
| Ambient Temperature (Operation)*: | -40 °C to +90 °C       |
| Protection Degree / IP Rating**:  | IP65, IP67             |

## Materials

|                          |                                  |
|--------------------------|----------------------------------|
| Contact Base Material:   | CuZn                             |
| Contact Plating:         | Au over Ag                       |
| Contact Bearer Material: | TPU                              |
| Contact Bearer Color:    | YE                               |
| Housing Material:        | Zn die cast with black E-Coating |
| O-Ring Material:         | FKM, panel side                  |
| Attachment Type, Side 2: | 1/2-14 NPT, Steel, Lock Nut      |

## Cable Data

|                           |           |
|---------------------------|-----------|
| Conductor Size:           | 18 AWG    |
| Number of Wires:          | 3         |
| Conductor material:       | Cu        |
| Wire Insulation Material: | PVC       |
| Insulated Wire Diameter:  | Ø 2.0 mm  |
| UL Cable Type:            | 1007/1569 |

## Approvals

|          |               |
|----------|---------------|
| UL-File: | E315587       |
| UL:      | UL recognized |

## Safety & Environmental Compliance

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

## Notes

|                                     |   |
|-------------------------------------|---|
| Note Derating:                      | Notice Derating   |
| Protection Degree / IP Rating Note: | Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product |
| Note:                               | Do not connect / disconnect under load  |

## Variants

| Item #    | Item Description | Cable Length |
|-----------|------------------|--------------|
| 500000352 | RSF 30-695/0.3M  | 0.3 m        |
| 500002279 | RSF 30-695/0.6M  | 0.6 m        |
| 500004265 | RSF 30-695/2M    | 2 m          |
| 500004761 | RSF 30-695/3M    | 3 m          |

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