

# Rice Lake RL32022-S Stainless Steel, Single-ended Beam Load Cell



As of: Monday, August 3, 2026



## Standard Features

It's sealed to IP67 standards, is OIML approved, has a capacity range of 300 to 5,000 kilograms and comes with 5 meters of cable.

## Approvals

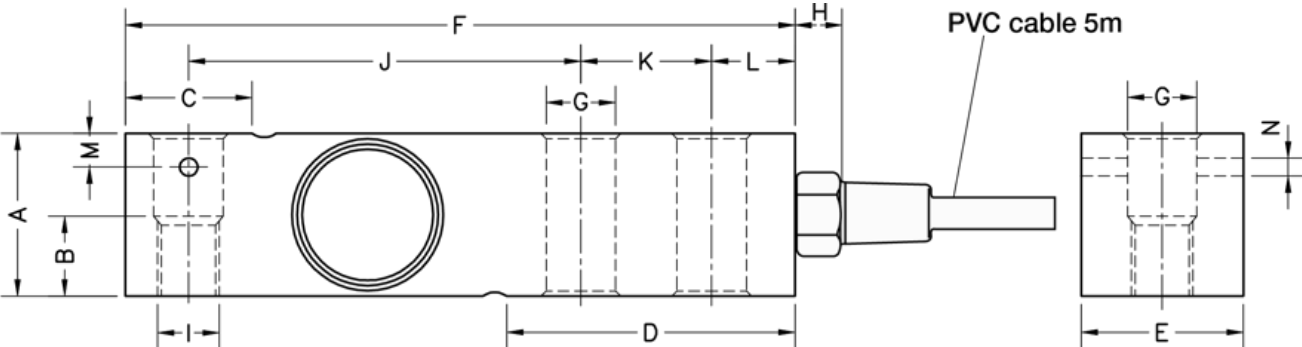


WARNING: Cancer and  
Reproductive Harm California  
Proposition 65

## RL32022-S Load Cell Specifications

|                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                               |
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| <p><b>Full Scale Output:</b><br/>2.0 mV/V <math>\pm</math>0.05%<br/>mV/V/ohm calibration</p> <p><b>Output Resistance:</b><br/>350 (<math>\pm</math>3) ohm</p> <p><b>Input Resistance:</b><br/>400 (<math>\pm</math>20) ohm</p> <p><b>Material/Finish:</b><br/>Stainless steel</p> <p><b>Temperature:</b><br/>Compensated:<br/>-14 to 104 °F (-10 to 40 °C)<br/>Operating:<br/>0 to 150 °F (-18 to 65 °C)</p> | <p><b>Seal Type:</b><br/>Hermetically sealed, IP69K</p> <p><b>Safe Overload:</b><br/>150% full scale</p> <p><b>Safe Sideload:</b><br/>100% full scale</p> <p><b>Rated Excitation:</b><br/>10 VDC (15 V maximum)</p> <p><b>Combined Error:</b><br/>0.017% full scale</p> <p><b>Insulation Resistance:</b><br/>&gt;5,000 megohm</p> | <p><b>Deflection at Capacity:</b><br/>0.2 to 0.4 mm</p> <p><b>Cable Length:</b><br/>5 m</p> <p><b>Cable Color Code:</b><br/>Green +Excitation<br/>Black -Excitation<br/>Red +Signal<br/>White -Signal</p> <p><b>Warranty:</b><br/>Two-year limited</p> <p><b>Approvals:</b><br/>OIML R60/2017-A-NL1-22.11</p> |
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## RL32022-S Load Cell Dimensions



| RATED CAPACITY | A    | B    | C    | D    | E    | F     | G    | H    | I   | J    | K    | L    | M   | N   |
|----------------|------|------|------|------|------|-------|------|------|-----|------|------|------|-----|-----|
| KG/MM          |      |      |      |      |      |       |      |      |     |      |      |      |     |     |
| 300 to 2,000   | 31.5 | 15.0 | 34.6 | 56.0 | 31.5 | 130.0 | 13.5 | 18.0 | M12 | 76.2 | 25.4 | 15.8 | 6.5 | 3.5 |
| 3,000 to 5,000 | 48.0 | -    | 37.0 | 76.0 | 41.5 | 171.5 | 20.5 | 18.0 | -   | 95.2 | 38.1 | 19.0 | -   | -   |

| PART # | DESCRIPTION                                                   | LIST PRICE           |
|--------|---------------------------------------------------------------|----------------------|
| 211636 | 300kg 2mv 350 Ohm 5m Stainless Steel C3 OIML IP69k            | List Price: \$350.00 |
| 211637 | 500kg 2mv 350 Ohm 5m Stainless Steel C3 OIML IP69k            | List Price: \$350.00 |
| 211638 | 750kg 2mv 350 Ohm 5m Stainless Steel C3 OIML IP69k            | List Price: \$350.00 |
| 211639 | 1000kg 2mv 350 Ohm 5m Stainless Steel C3 OIML IP69k           | List Price: \$350.00 |
| 211640 | 1500kg 2mv 350 Ohm 5m Stainless Steel C3 OIML IP69k           | List Price: \$350.00 |
| 211641 | 2000kg 2mv 350 Ohm 5m Stainless Steel C3 OIML IP69k           | List Price: \$350.00 |
| 211642 | 3000kg 2mv 350 Ohm 5m Stainless Steel C3 OIML THRU HOLE IP69k | List Price: \$445.00 |
| 211643 | 5000kg 2mv 350 Ohm 5m Stainless Steel C3 OIML THRU HOLE IP69k | List Price: \$445.00 |

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