

## Rice Lake RL77032SS HE Stainless Steel, Double-ended Beam Load Cell



As of: Monday, July 27,  
2026



## Standard Features

The RL77032SS HE is designed for use in the harshest environments, constructed with stainless steel and is hermetically sealed. It is a double-ended beam with center loading, handling a capacity range of 1,000 to 75,000 lb, equipped with 25 ft of cable.

## Approvals

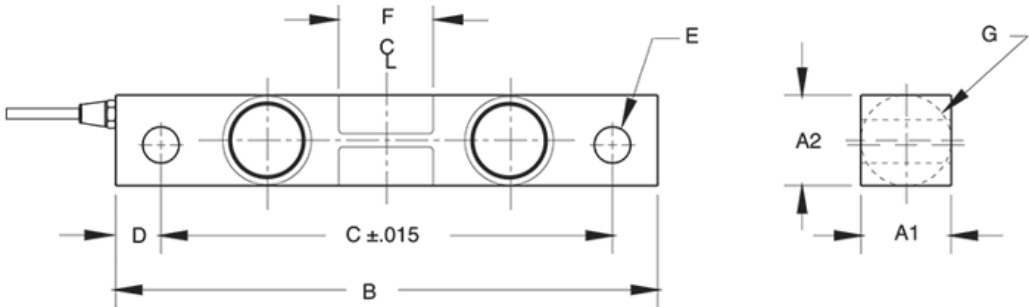


WARNING: Cancer and Reproductive Harm  
California Proposition 65

## RL77032SS HE Load Cell Specifications

|                                                                       |                                                                                                                                                                                |                                                                                                    |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Full Scale Output:</b><br>3.0 mV/V                                 | <b>Safe Sideload:</b><br>100% full scale                                                                                                                                       | <b>Insulation Resistance:</b><br>5,000 megohm                                                      |
| <b>Output Resistance:</b><br>700 (±5) ohm                             | <b>Rated Excitation:</b><br>5 to 10 VDC                                                                                                                                        | <b>Cable Length:</b><br>25 ft                                                                      |
| <b>Input Resistance:</b><br>770 (±10) ohm                             | <b>Nonlinearity:</b><br>0.03% full scale                                                                                                                                       | Polyurethane jacket                                                                                |
| <b>Material/Finish:</b><br>Stainless steel                            | <b>Hysteresis:</b><br>0.02% full scale                                                                                                                                         | <b>Cable Color Code:</b><br>Red +Excitation<br>Black –Excitation<br>Green +Signal<br>White –Signal |
| <b>Temperature:</b><br>Operating:<br>0 °F to 150 °F (-18 °C to 65 °C) | <b>Deflection at Capacity:</b><br>1,000 lb: 0.01 in<br>5,000 lb: 0.015 in<br>10,000 to 20,000 lb: 0.022 in<br>25,000 lb: 0.036 in<br>50,000 lb: 0.052 in<br>75,000 lb: 0.07 in | <b>Warranty:</b><br>Two-year limited                                                               |
| <b>Seal Type:</b><br>Hermetically sealed, IP69K                       |                                                                                                                                                                                | <b>Approvals:</b><br>cFMus                                                                         |
| <b>Safe Overload:</b><br>150% full scale                              |                                                                                                                                                                                |                                                                                                    |

RL77032SS HE Load Cell Load Cell Dimensions



| RATED CAPACITY   | A1   | A2   | B    | C    | D    | E    | F    | G    | CONDUIT ADAPTER |
|------------------|------|------|------|------|------|------|------|------|-----------------|
| LB/IN            |      |      |      |      |      |      |      |      |                 |
| 1,000 to 5,000   | 1.22 | 1.22 | 7.50 | 6.25 | 0.62 | 0.50 | 1.12 | 1.25 | 1/4-18 NPT      |
| 10,000 to 25,000 | 1.44 | 1.94 | 8.75 | 7.50 | 0.62 | 0.81 | 1.62 | 1.99 | 1/2-14 NPT      |

| PART # | DESCRIPTION                                              | LIST PRICE           |
|--------|----------------------------------------------------------|----------------------|
| 221559 | HE 1000lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel  | List Price: \$735.00 |
| 221560 | HE 1500lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel  | List Price: \$735.00 |
| 221561 | HE 2000lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel  | List Price: \$735.00 |
| 221562 | HE 2500lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel  | List Price: \$735.00 |
| 221563 | HE 5000lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel  | List Price: \$735.00 |
| 221564 | HE 10000lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel | List Price: \$830.00 |
| 221565 | HE 15000lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel | List Price: \$830.00 |
| 221566 | HE 20000lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel | List Price: \$830.00 |
| 221567 | HE 25000lb 25ft 3mv/v 700 Ohm FM IP69 WW Stainless Steel | List Price: \$830.00 |

www.ricelake.com | 800-472-6703

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