



Standard Features

The RL75016SS is a double-ended beam with center loading. The stainless steel provides protection against corrosive materials and is designed for tank and hopper applications. It has capacities from 1,000 to 75,000 pounds and is equipped with 25 feet of load cell cable.

Approvals



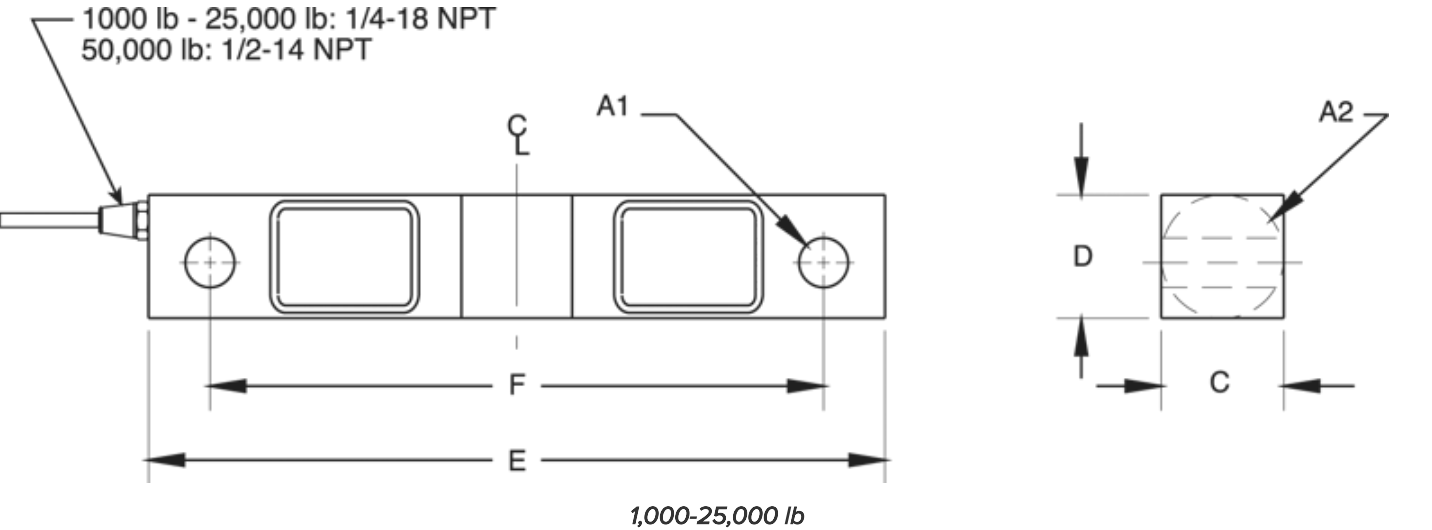


WARNING: Cancer and Reproductive Harm  
California Proposition 65

RL75016SS Load Cell Specifications

|                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                        |
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| <p><b>Full Scale Output:</b><br/>3.0 mV/V</p> <p><b>Output Resistance:</b><br/>700 (±5) ohm</p> <p><b>Input Resistance:</b><br/>770 (±10) ohm</p> <p><b>Material/Finish:</b><br/>Stainless steel</p> <p><b>Temperature:</b><br/>Operating:<br/>0 to 150 °F (-18 to 65 °C)</p> <p><b>Seal Type:</b><br/>Environmentally sealed, IP67</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/>5 to 10 VDC (15 V maximum)</p> <p><b>Nonlinearity:</b><br/>0.07% full scale</p> <p><b>Hysteresis:</b><br/>0.02% full scale</p> <p><b>Insulation Resistance:</b><br/>5,000 megohm</p> <p><b>Deflection at Capacity:</b><br/>1,500 to 2,000 lb: 0.01 in<br/>25,000 lb: 0.036 in</p> | <p><b>Cable Length:</b><br/>25 ft</p> <p><b>Cable Diameter:</b><br/>0.200 in<br/>Polyurethane jacket</p> <p><b>Cable Color Code:</b><br/>Red +Excitation<br/>Black -Excitation<br/>Green +Signal<br/>White -Signal</p> <p><b>Warranty:</b><br/>Two-year limited</p> <p><b>Approvals:</b><br/>cFMus</p> |
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RL75016SS Load Cell Dimensions



| RATED CAPACITY | A1   | A2   | C    | D    | E    | F    |
|----------------|------|------|------|------|------|------|
| LB/IN          |      |      |      |      |      |      |
| 1,000 to 2,000 | 0.50 | 1.25 | 1.25 | 1.25 | 7.50 | 6.25 |
| 25,000         | 0.81 | 1.99 | 1.44 | 1.94 | 8.75 | 7.50 |

| PART # | DESCRIPTION                                      | LIST PRICE           |
|--------|--------------------------------------------------|----------------------|
| 17303  | 1.5K SS 1500lb 25ft 3mv/v 700 Ohm FM IP67 WW SST | List Price: \$583.00 |
| 17305  | SS 2000lb 25ft 3mv/v 700 Ohm FM IP67 WW SST      | List Price: \$583.00 |
| 17318  | SS 25,000lb 25ft 3mv/v 700 Ohm FM WW IP67 SST    | List Price: \$662.00 |

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