ALL STAINLESS STEEL “S” BEAM LOAD CELLS
HIGH ACCURACY, ECONOMICAL PRICE

LC101/LC111 Series
Tension/Compression
LC101 (Cable Style)
LC111 (Connector Style)
0-25 lb to 0-40,000 lb
0-11 kg to 0-18,149 kg

Starts at $305

- FM Intrinsically Safe
- All Stainless Steel for Harsh Industrial Applications
- 0.25% Interchangeability for Multiple Load Cell Applications
- 5-Point Calibration Provided (in Tension)

SPECIFICATIONS
Excitation: 10 Vdc, 15 Vdc max
Output: 3 mV/V ±0.0075 mV/V
Linearity: ±0.03% FSO (0.1% 40 K)
Hysteresis: ±0.02% FSO (0.1% 40 K)
Repeatability: ±0.01% FSO (0.05% 40 K)
Zero Balance: ±1% FSO
Agency Approval: FM Intrinsically Safe
Operating Temp Range: -40 to 93°C (-40 to 200°F)
Compensated Temp Range: 17 to 71°C (60 to 160°F)
Thermal Effects:
Zero: 0.002% FSO/°C
Span: 0.002% FSO/°C
Safe Overload: 150% of capacity
Ultimate Overload: 300% of capacity
Input Resistance: 350 ±10 Ω
Output Resistance: 350 ±10 Ω
Full Scale Deflection: 0.010 to 0.020°
Construction: 17-4 PH stainless steel
Electrical, Model LC101 (4-Conductor Shielded Cable):
<250 lb: 9 m (30') 24 AWG
250 to 2K: 9 m (30') 20 AWG
>2K: 4.5 m (15') 20 AWG
LC111: 4- or 6-pin connector
Mating Connector, Model LC111:
≤200 lb: PT06F-8-4S (not included)
≥250 lb: PT06F-10-6S (not included)

Dimensions: mm (in)

COMES WITH 5-POINT NIST-TRACEABLE CALIBRATION. * SEE SECTION D FOR COMPATIBLE METERS.
TO ORDER CONNECTOR STYLE, CHANGE MODEL NUMBER TO LC111, NO EXTRA CHARGE. MATING CONNECTOR NOT INCLUDED.
ORDERING EXAMPLES: LC111-250, 250 lb capacity connector-style load cell, $305.
PT06F-8-4S, mating connector, $26.50 ea. REC-014M, matching rod end, $25 ea.
LBC-014, matching load button, $40. LC111-5K, 5000 lb capacity cable-style load cell, $445.
REC-058M, matching rod end, $69 ea.

ACCESSORY

MODEL NO. | PRICE | DESCRIPTION
--- | --- | ---
OP-17 | $15 | Reference Book: Measure for Measure

F-44
More than 100,000 Products Available!

- **Temperature**

- **Flow and Level**
  Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotometers, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

- **pH and Conductivity**
  Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

- **Data Acquisition**

- **Pressure, Strain and Force**
  Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

- **Heaters**

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