

**Model LPM 512 (tension/compression) sub miniature load cell is designed to measure load ranges from 150 grams to 1000 pounds with a high frequency response rate. The sub miniature dimensions, including diameters from 0.5 to 0.75 and heights of 0.13 to 0.38 allow these units to be easily incorporated into systems having limited space. A small (1.0 long x 0.08 thick) circuit board is included in each load cell's lead wire cable for temperature compensation.**



## FEATURES

- Tension/compression
- Wafer thin
- Up to 1,000lb
- High/low temperature option
- 150gms to 1,000lb

## SPECIFICATIONS

- Load Ranges: 150g to 1,000lb
- Linearity:  $\pm 0.5\%$  F.S.
- Hysteresis:  $\pm 0.5\%$  F.S.
- Repeat-ability:  $\pm 0.1\%$  F.S.
- Material: Stainless Steel
- Temperature range: 60 – 160F
- Output: 50 g to 500 g – 10mv/v 1000 g to 1000 lb – 2mv/v
- Bridge resistance: 50 g to 500 g – 500 ohm 1000 g to 1000 lb – 350 ohm
- Excitation: 5 Vdc
- Safe overload: 50% over capacity
- Cable: 5ft

## OUTLINE DIMENSIONS

