

Model LPM 510 (compression only) subminiature load cell is designed to measure load ranges from 150 grams to 1000 pounds with a high frequency response rate. The subminiature dimensions, including diameters from 0.38" to 0.75" and heights of 0.13" to 0.25" allow these units to be easily incorporated into systems having limited space. A small (1.0" long x 0.08" thick circuit board on ranges 50 g - 1000 g) 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
- Optional bottom cable exit

SPECIFICATIONS

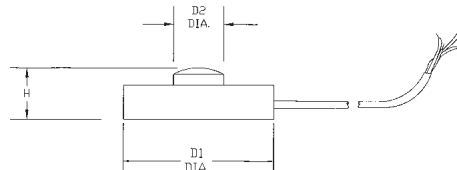
- Load ranges 150g to 1000lb
- Linearity/hysteresis $\pm 0.5\%$ F.S.
- Repeatability $\pm 0.5\%$ F.S.
- Stainless Steel
- Temperature range 60-160F
- Output 150g - 500g 15mv/v, 1000g - 1.5mv/v, 5 - 1000lb 2mv/v
- Bridge Resistance 150g - 500g 500 ohm, 1000g - 350 ohm, 5 - 1000lb 700 ohm
- Excitation 5Vdc
- Safe Overload 50% over capacity
- Cable LPM 510A - 4 conductor teflon SS Braided Shield Cable, 5ft with temperature compensation board on cable
- Cable LPM 510B 4 conductor teflon stainless steel braided shielded cable, 5ft
- Wiring Codes LPM 510A:

Red	+Excitation
Black	-Excitation
Green	-Signal
White	+Signal
- LPM 510B:

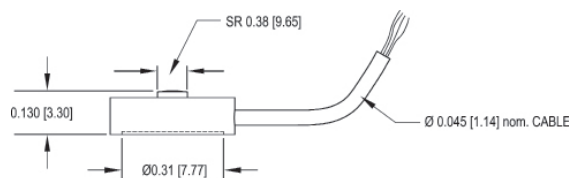
Red	+Excitation
Black	-Excitation
Green	+Signal
White	-Signal

OUTLINE DIMENSIONS

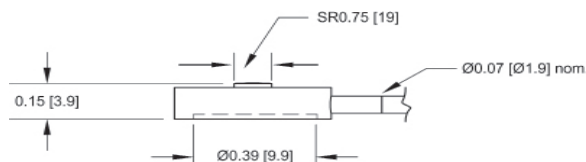
LPM 510A



LPM 510B 5-50lbs



LPM 510B 100-250lbs



LPM 510B 500-100lbs

