Pocket Calibrator

FEATURES

- Low cost, on-site calibration and servicing
- 4 selectable ranges: 0,1, 2, and 3 mV/V
- Calibrate any strain gage based transducer indicator
- Rugged, pocket size case

APPLICATIONS

- Portable load cell/weigh system simulator

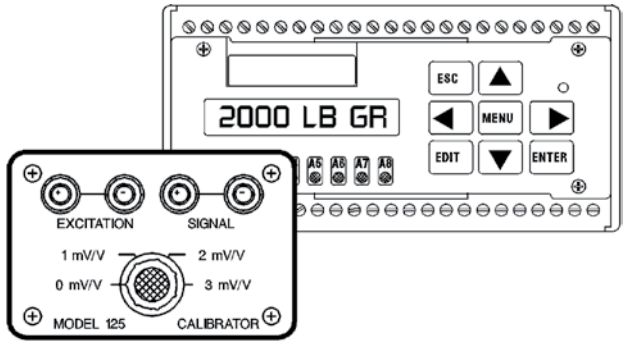
DESCRIPTION

Model 125 Pocket Calibrator is a portable, lightweight simulator designed to supply millivolt-per-volt level signals for testing, calibrating, and troubleshooting load cell/scale indicators. Precise output references for 0, 1, 2, or 3 mV/V are achieved by using a metal film resistor network, discrete wire wound resistors, and a 2-pole, 4-position rotary switch.

The 350 Ω input and output impedance matches typical strain gage devices. Four permanent binding posts, integral to the rugged palm-size case, provide connection points for the indicator or transmitter.

Model 125 units substitute for platform or scale transducers. Lightweight construction, compact size, and good accuracy make the Model 125 Calibrator an excellent choice for calibrating, spot-checking, or trouble shooting any electronic weigh system.

CONFIGURATION



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A VPG Brand

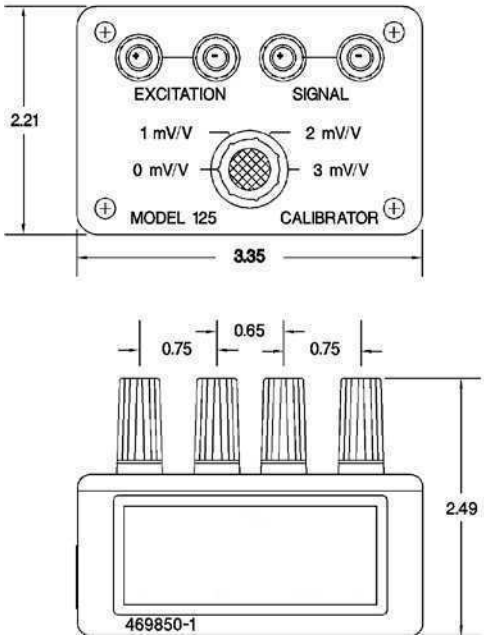
Pocket Calibrator

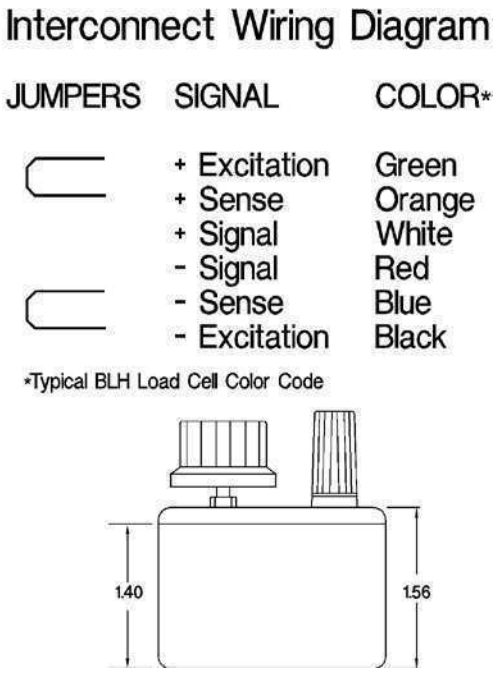
SPECIFICATIONS

PARAMETER	VALUE
Output Accuracy	0.02% of selected range
Accuracy Stability	better than 0.01% in 24 hours better than 0.02% in 1 year
Zero Stability	less than 3 µV
Span TC	±10 ppm/°C
Input Impedance (Excitation)	1000 Ω ±0.05%
Output Impedance (Signal)	350 Ω ±0.08%

PARAMETER	VALUE
Output Ranges	4 steps: 0, 1, 2, and 3 mV/V
Input Voltage Level	25 VDC max.
Operating Temperature Range	32°F to 120°F (0°C to 50°C)
Dimensions, LxWxH	3.3 × 2.35 × 1.4 in.
Unit Weight	4.8 oz

DIMENSIONS in inches





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