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

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.

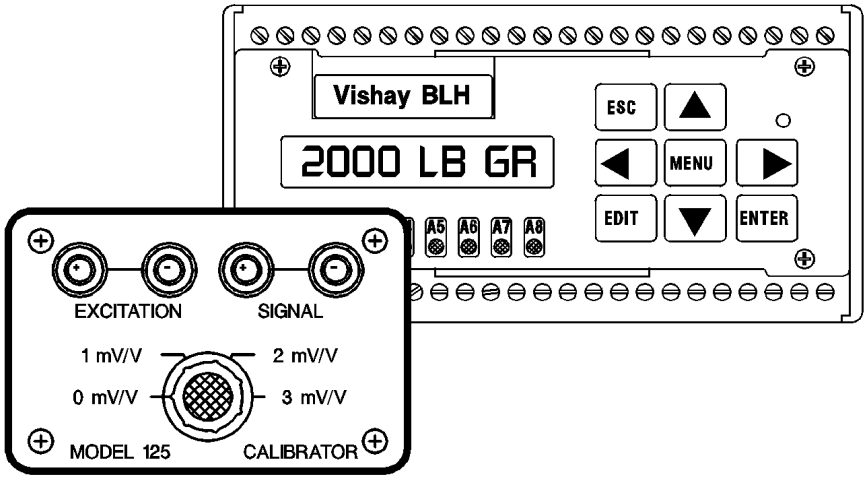
The 350 ohm input and output impedance matches typical strain gage devices. Four permanent binding posts, integral to the rugged palm-size case, provide connection points for the indicator or transmitter.

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.

APPLICATIONS

- Portable load cell/weigh system simulator

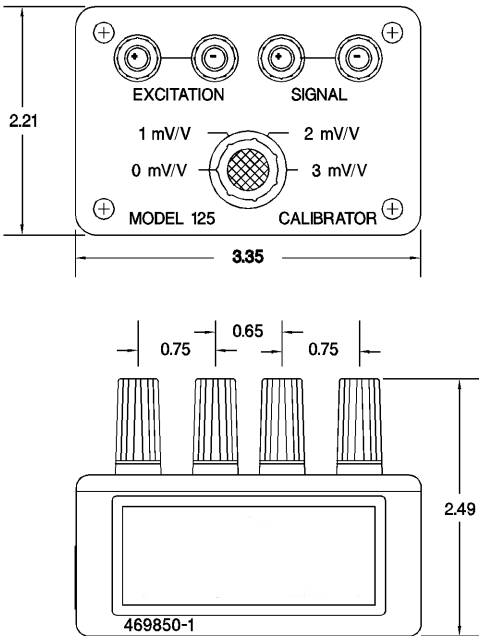
CONFIGURATION



SPECIFICATIONS

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/degree C
Input Impedance (excitation)	1000 ohms + /- 0.05%
Output Impedance (Signal)	350 ohms + /- 0.08%
Output Ranges	4 steps: 0, 1, 2, and 3 mV/V
Input Voltage Level	25V dc maximum
Operating Temperature Range	32 to 120°F (0 to 50°C)
Dimensions (inches)	3.3 x 2.35 x 1.4 (L x W x H)
Unit Weight	4.8 ounces

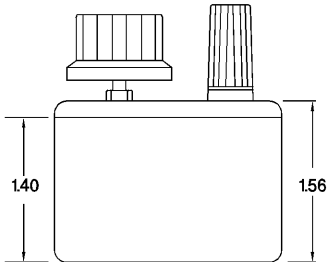
DIMENSIONS



Interconnect Wiring Diagram

JUMPERS	SIGNAL	COLOR*
	+ Excitation	Green
	+ Sense	Orange
	+ Signal	White
	- Signal	Red
	- Sense	Blue
	- Excitation	Black

*Typical BLH Load Cell Color Code



BLH is continually seeking to improve product quality and performance. Specifications may change accordingly.

Disclaimer

All product specifications and data are subject to change without notice.

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