

Load Cell Central

1-800-LOADCEL

Transducer / Load Cell Simulator

Model: PVS-11

0-3mV/V Range

The PVS-11 load cell simulator from Load Cell Central is ideal for calibrating scale indicators, troubleshooting, and verifying proper indicator setup. It can also be used for simulating pressure and torque strain gauge based transducers. For use in the shop or the field, the PVS-11 is designed with the scale technician in mind. Encased in a crush proof and water tight enclosure (with the lid properly latched), this model, the “top of the line”, includes two ranges of variable vernier adjustment, fixed zero offset 0.25mV/V (a feature required for some indicators that won’t allow a negative signal during the zero calibration procedure). It also has a function to simulate one, two, four, or eight 350 ohm load cells which is used to test an indicator’s power supply.



Load Cell Central offers several other simulators, including units without vernier adjustment and fully electronic units. Visit the link below for details.

<http://www.800loadcel.com/electronics/electronics.html>

Features	
Excitation Voltage:	15VDC maximum
Signal Range:	0-3mV/V in 0.25mV/V steps
Vernier Adjustment:	Potentiometer selectable 0, $\pm 0.25\text{mV/V}$, or $\pm 0.50\text{mV/V}$
Dead Load Factor:	Selectable 0 or 0.25mV/V
Load Factor:	1, 2, 3, 4, or 8 (350 ohm load cells)
Linearity:	$< \pm 0.05\%$ of full scale
Repeatability:	$< \pm 0.01\%$ of full scale
Temperature Coefficient:	5 ppm/ $^{\circ}\text{C}$
Background Noise:	Approximately 250nV
Connections:	Binding posts accept up to 14 AWG wire or banana plugs
Enclosure:	With the lid latched, watertight, crush proof, dust proof, O-ring sealed lid, automatic pressure equalization valve, and stainless steel hardware.

Load Cell Central follows a policy of continuous improvement and reserves the right to change specifications without notice. © 2008

Load Cell Central
216 Main St. / PO Box 91
Monroeton, PA 18832
Web: www.800loadcel.com

Toll Free: 1-800-562-3235
Ph: 1-570-265-5015
Fax: 1-570-265-5148
Email: sales@800loadcel.com