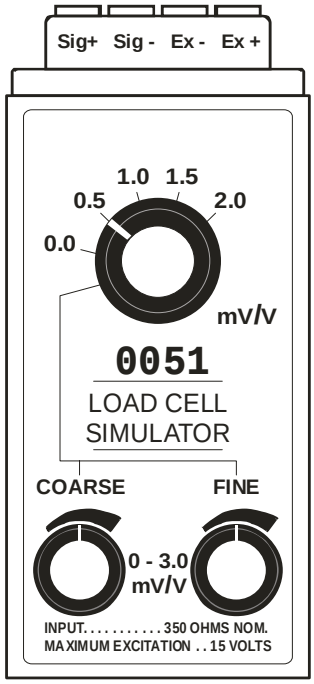
0051

Load Cell Simulator



0051 Load Cell Simulator

0051: 0 to 2.0mV/V stepped load with 0.5mV/V intervals plus variable 0 to 3.0mV/V load, with spring loaded terminal for direct wire connections.

How to use the 0051 Load Cell Simulator

The 0051 can be used for diagnostic and pre-installation temporary calibration purposes.

1) The 0051 comes with a 4-way spring loaded terminal for direct wire connection. Attach the appropriate wires as marked on this terminal.

2) When connected to a calibrated indicator, the reading for each of the stepped (top switch) settings represents a control value for this specific configuration. At any time the 0051 can be re-connected to the same indicator and setup, to reproduce these values.

3) The simulated variable load output is controlled by the two bottom potentiometers, when the stepped switch is set accordingly. The coarse (left) and fine (right) knobs offer from below 0mV/V to above 3.0mV/V output, with the fine setting able to adjust a factor of ~1/100 of this coarse range. This allows the user to simulate an increasing/decreasing load to setup an initial pre-calibration for indicators, before being used in a field installation.

Features: The 0051 comes with a cable tie mount underneath the 4-way spring terminal. This point gives you a secure place to fasten the connected cable so it does not disconnect while in use.

Specifications:	Temp. Drift:	Stepped Load	< 10ppm/°C
		Variable Load	< 50ppm/°C
	Accuracy:	Stepped/Variable	< 0.001 mV/V