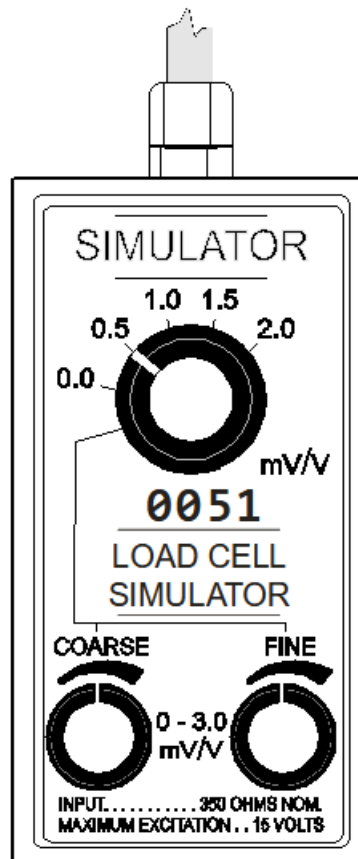


## 0051 Load Cell Simulator Data Sheet



**0051:** 0 to 2.0 mV/V adjustable stepped load with 0.5mV/V intervals plus variable 0 to 3.0 mV/V load, with various connection options.

### How to use the 0051 Load Cell Simulator

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

1. The 0051 comes with a 5-pin M12 for direct wire connection. Optional items are included for connecting 7-pin adaptor or DB9 for various types of load cell connections.
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 (all the way to left CCW). 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.