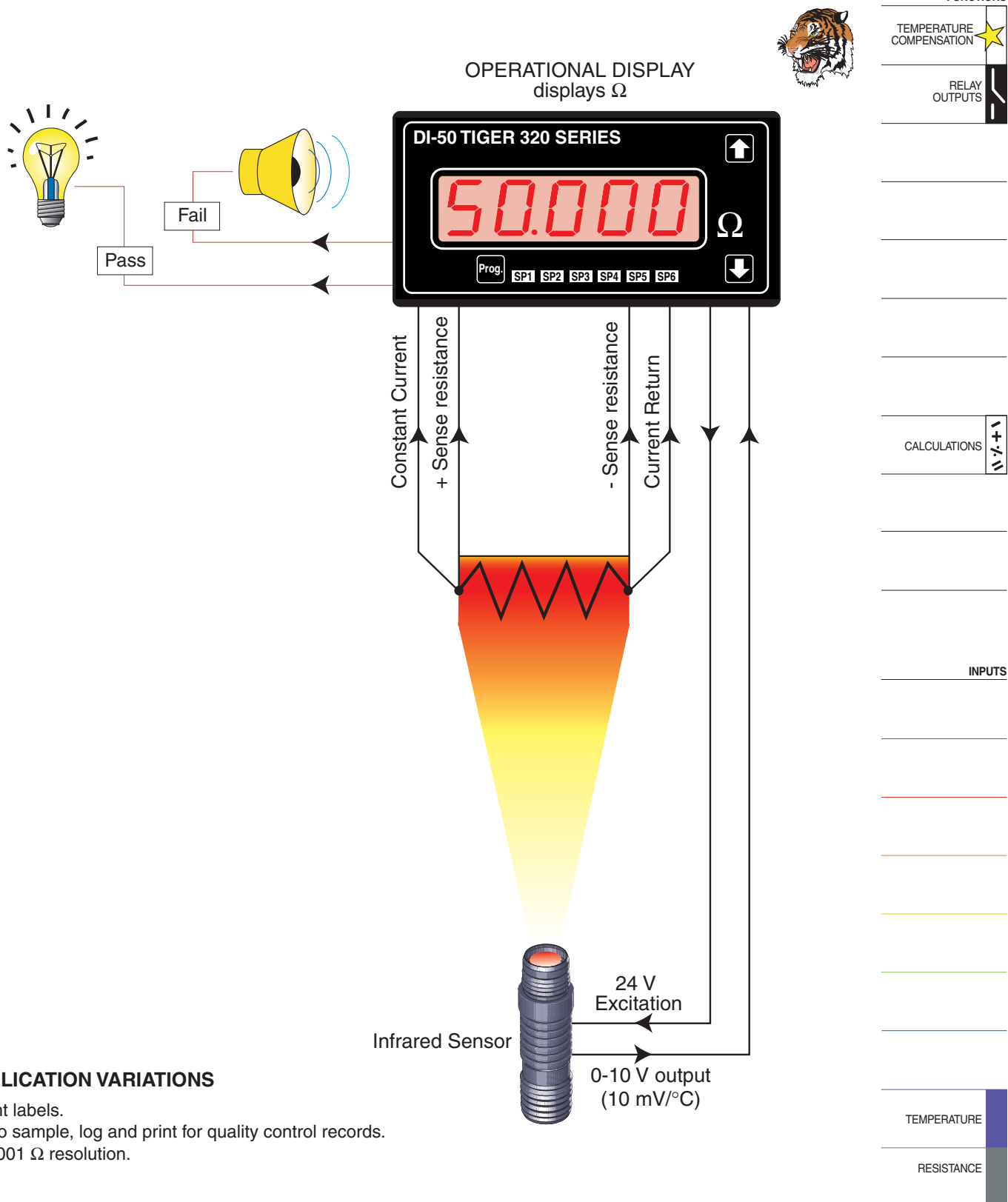


For quality control, our customer requires to measure the resistance of hot copper coil windings. Texmate installed a Tiger 320 Series DI-50E meter. A constant current is passed through the coil and the resistance calculated. To compensate for temperature variation the infrared sensor monitors the coil temperature.

A setpoint indicates 'PASS' or 'FAIL' of the coil under test. The meter's decimal point is set for a display resolution in milliohms (0.001  $\Omega$ ).

The meter can be configured with temperature compensation for almost any conducting material.

### PRECISION LOW RESISTANCE MEASUREMENT WITH TEMPERATURE COMPENSATION



#### APPLICATION VARIATIONS

- Print labels.
- Auto sample, log and print for quality control records.
- 0.0001  $\Omega$  resolution.