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LR-Cal LTC 100   CALIBRATOR - CALIBRATION PROCEDURE

Current Firmware version 1.21

The CALIBRATION DATE is automatically saved as the current date set for the unit, ensure this is adjusted in the SETTINGS menu before attempting calibration.

- To access the calibration mode, scroll to SETTINGS > enter Access code **83946**.
- You're now in the CALIBRATE menu.
- mA Measure (Zero Cal) - *Source mA from a Lab calibrator, measure on the Temp.*
    - o Apply 0.000mA to the TEMP's measure mA terminals.
    - o Note the ADC value:
    - o Press ENTER key and wait 10sec.

- mA Measure (Span Cal) - *Source mA from a Lab calibrator, measure on the TEMP.*
    - o Apply 20.000mA to the Temp's measure mA terminals.
    - o Note the ADC value:
    - o Press ENTER key and wait 10sec.

- Follow the same procedure / steps as above for the remaining functions. All instructions are listed on screen during the calibration.

- mA Source (Zero Cal) - Temp *sources mA to a Lab meter measuring up to 20mA.*

- mA Source (Span Cal) - Temp *sources mA to a Lab meter measuring up to 20mA.*

- mV Measure (Zero Cal) - *Source mV from a Lab calibrator, measure on the Temp.*

- mV Measure (Span Cal) - *Source mV from a Lab calibrator, measure on the Temp*

- mV Source (Zero Cal) - Temp *sources mV to a Lab meter measuring mV.*

- mV Source (Span Cal) - *Temp sources mV to a Lab meter measuring mV.*

- Ohms Measure (10Ω Zero Cal) - *Source Ω from a Lab calibrator, measure on the Temp.*

- Ohms Measure (2000Ω Span Cal) - *Source Ω from a Lab calibrator, measure on the Temp*

- Ohms Source (0Ω Zero Cal) - *Temp sources Ω to a Lab meter measuring Ω.*

- Ohms Source (Ω Span Cal) - *Temp sources Ω to a Lab meter measuring Ω.*