


Calibrate ZMCT103C

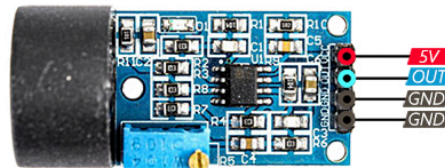
4th September 20XX

OVERVIEW

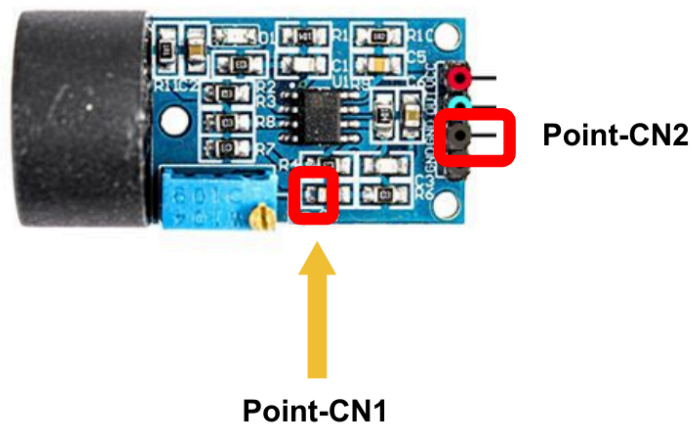
Please follow the procedure below to calibrate ZMCT103C Sensors for Electrivity Project.

PINOUT

Power 
Output 
GND 



Annotation



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1. Place Multimeter probes on point-CN1 and CN2
 2. Set Multimeter to Ohm measurement (>80k range)
 3. Tune the Potentiometer until resistance is 20k Ohms
 4. Connect to the device and check for any fluctuations in results.
 5. If fluctuations are found, reset the potentiometer to max and then back to 20k.
 6. Still found, try to remove any high voltage components from the surroundings of the sensor.

Please note:

Carefully wrap the GND wire around 5V and ADC wire to ensure maximum immunity to stray voltages. (see example in electrivity board #sensors 1 & 2)