

Installation of Rope CTs – Model RCS-XXX-XXX

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General: The current transformers (CTs) supplied by Energy Tracking for use in the WEM-MX 333mV revenue grade meter are available in several sizes ranging from 10 to 10,000 Amps with different window openings. These CTs have a secondary output of 333mVAC. One advantage of these CTs is that they can be placed over a hundred feet from the meter.

This is true for the solid core (UCT) and Split Core (SCT) models. However, certain precautions must be taken when using the Rope CTs (RCS) which are detailed herein.

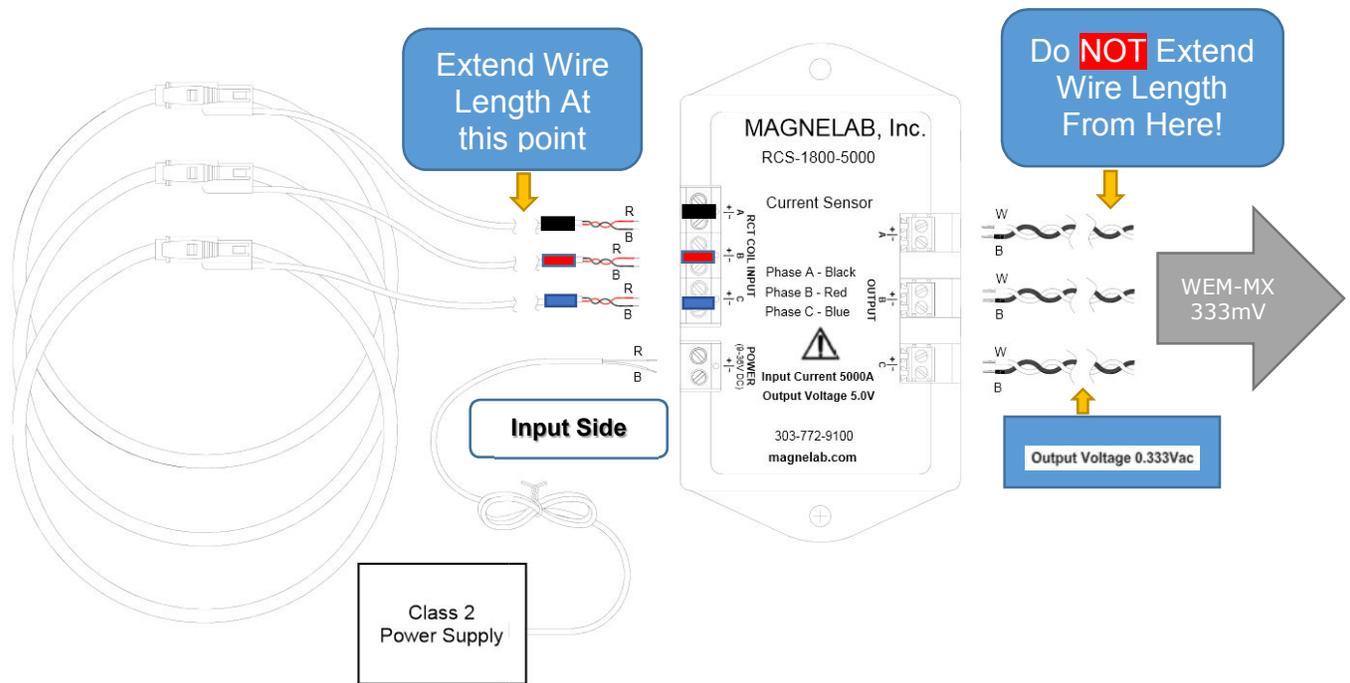


Figure # 1

1. Wiring length can **only** be extended on the **input side** of the integrator (Current Sensor).
2. Each Rope CT is **color** coded and calibrated to each specific phase of the RCT Coil Input. Incorrect measurement will occur if they are switched around.
3. You can use any **DC** power supply ranging from 9~36 VDC. You should not see a voltage drop on the power supply. The power consumption of this device is 40 mA.