Panoramic Power™ PAN-14 Sensor installation quick guide

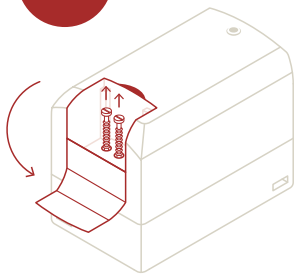
PAN-14 Sensor full installation manual | **PAN-14 Sensor installation video** | **Get in touch with Support**

Hardware installation[1]

1

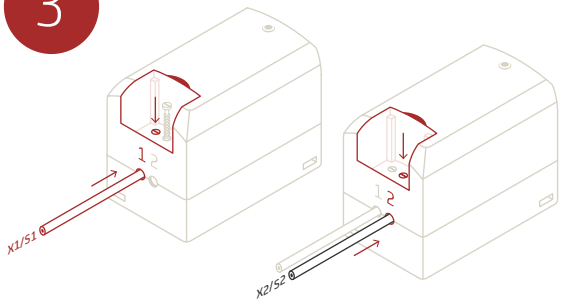
Note the sensor ID number below the barcode, which you will need later to map the sensors to the circuits.

2



Open the cover and unscrew the sensor's '1' and '2' terminals open.

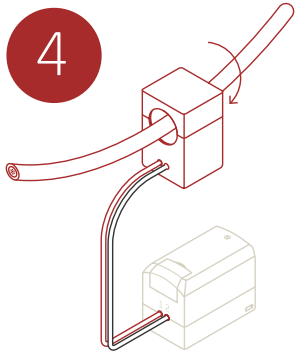
3



Cut, strip, and twist the X1/S1's wire ending of the current transformer (CT) and insert it into the '1' terminal. Screw the '1' terminal to tighten the wire in. Tug on the wire to make sure it is secure.

Repeat for X2/S2's wire ending into the '2' terminal.

4



For Split-Core CTs (recommended), open the CT and wrap it around the wires inside the electrical panel board and snap the CT shut.[2]

5

When the wire is live, the LED to the right of the barcode on the sensor will illuminate green.

Software configuration[3]

1. Go to www.powerradar.energy and log in with your email and password.
2. Go to the Site Dashboard and click on the 'Deployment Tool' link.
3. Create/Navigate to the Zone > Panel > Device of which the sensor is installed.
4. Click 'Install Sensor' to enter the sensor ID number and click 'Install Sensor' again after entering the Power Factor, CT Rate, and Current Factor.
5. Validate the sensor operation by hovering over the eye icon in the Reception column to view the sensor's signal strength to the bridge (RSSI) and the current running through the wire.

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[1]The electrical panel should be de-energized and the bridge(s) must be installed prior to PAN-14 Sensor installation.
[2]CTs attached to the PAN-14 Sensors must have a 0 – 5A output.
[3]If you do not have login credentials, contact your PowerRadar™ account administrator.

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