

Temperature & Humidity Sensor Installation Guide

Temperature Sensor

SKU: EA9102

Temperature & Humidity Sensor

SKU: EA9103

3 Temperature & 1 Humidity Sensor

SKU: EA9105



Enlogic's temperature and humidity sensors are designed to add comprehensive environmental monitoring to any Enlogic EN Series PDU or EZ Series Inline Energy Meter.

Enlogic environmental sensors are engineered with an embedded microchip that converts analog signals to digital format before data travels to the PDU, providing greater data accuracy. This smart design also enables easy plug & play installation that takes just moments to complete. Installation of the sensors and ongoing equipment maintenance is further facilitated by the use of the Quick Disconnect Coupler and Ethernet cable, which allow for the convenient extension of sensors, movement of equipment, and an easy disconnect method for removing rack enclosure doors.



Sensor Inventory

- **Sensor Assembly**

which includes:

- Temperature and/or humidity sensor and microchip
- RJ45 cable 2m in length
- Two (2) additional temperature probes on EA9105 model only.

EA9102 Temperature Sensor or
EA9103 Temperature + Humidity Sensor



EA9105 Three (3) Temperature Sensors + Humidity Sensor



- **Cable ties** (6 count)



- **RJ45 Quick Disconnect Coupler**

to connect sensor cable to any standard ethernet cable for additional length and installation flexibility



- **Standard Ethernet Extension Cable 1.8m in length**



Installation Instructions

1. Secure the sensor box to the perforated rack enclosure door by threading a cable tie through the recessed channel in the sensor box and through the door.
Note: There are two recessed channels on the back of the sensor box which also includes a magnet to help secure the sensor.
2. Secure the RJ45 cable along the desired path to the PDU using the remaining cable ties.
3. For the 3 Temperature & 1 Humidity sensor (model EA9105) only: Secure the two additional temperature probes near the top and the bottom of the perforated rack enclosure door using the cable ties.
4. Use the RJ45 Quick Disconnect Coupler and an Ethernet cable to extend the length of the sensor input cable and/or to serve as an easy disconnect point for rack door removal. Refer to the EN Series User Manual for instructions on how to create custom cord lengths using the RJ45 Quick Disconnect Coupler.
Note: Use either the 1.8m Ethernet cable included with the Enlogic sensor or any other CAT5 or CAT6 Ethernet cable with a standard RJ45 plug.
5. Plug the sensor cable (or the connected Ethernet cable) into the Sensor 1 or Sensor 2 port on the PDU/Inline Energy Meter or the Sensor Hub (model EA9106). It may take 1-3 minutes (depending on the model and configuration) for the PDU recognize the sensor.
Note: Only plug the 3 Temperature & 1 Humidity sensor (model EA9105) directly into the Sensor 1 or Sensor 2 port. It is not recommended to plug this sensor into the Sensor Hub (model EA9106).

The Enlogic sensor is now installed and ready for use. For more information, contact your regional sales office or go to www.enlogic.com.