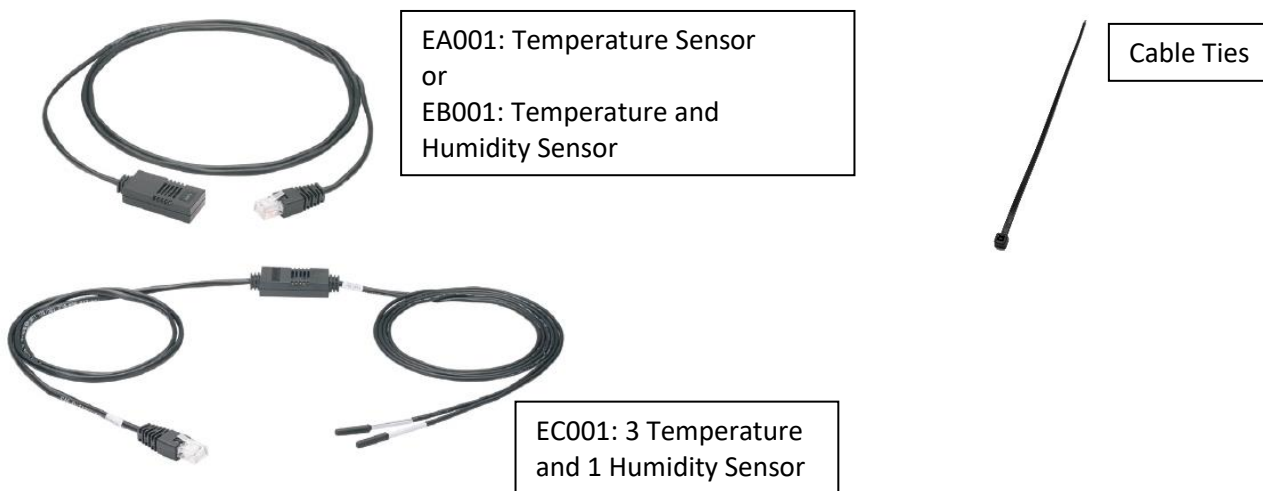smartzone™ G5

Temperature & Humidity Sensors

Temperature and humidity sensors are designed to add comprehensive environmental monitoring to any iPDU.
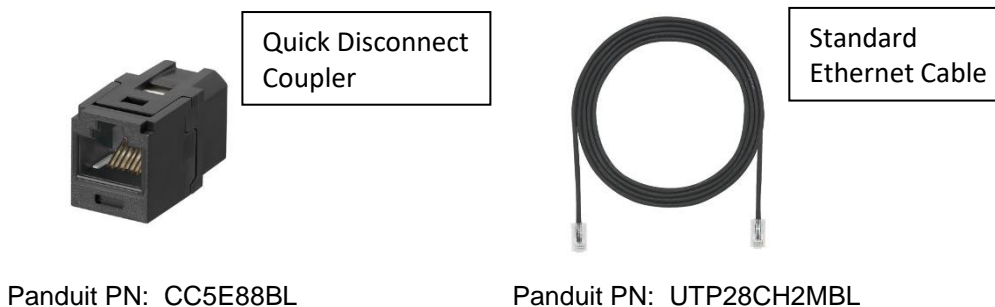
Environmental sensors are designed with an embedded microchip that converts analog signals to digital format before data travels to the PDU, providing greater data accuracy. This smart design also enables easy plug & play installation that takes just moments to complete. Installation of the sensors and ongoing equipment maintenance is further facilitated by using a quick disconnect coupler and standard ethernet cable (sold separately) that allow for the convenient positioning of sensors, movement of equipment, and an easy disconnect method for removing rack enclosure doors.

Note: The Temperature and Humidity Sensors are designed to connect to a G5 iPDU only. Connecting them to another device may result in damage.

INVENTORY

EA001: Temperature Sensor
or
EB001: Temperature and Humidity Sensor

Cable Ties

EC001: 3 Temperature and 1 Humidity Sensor

OPTIONAL ACCESSORIES

Quick Disconnect Coupler

Standard Ethernet Cable

Panduit PN: CC5E88BL

Panduit PN: UTP28CH2MBL

INSTALLATION INSTRUCTIONS

The following instructions apply to both the temperature and the humidity sensors:

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 and a magnet on the back of the sensor box to help secure the sensor.

2. Secure the RJ45 cable along the desired path to the PDU using the included cable ties.

3. For the EC001 sensors only:
    *   Secure the T1 temperature probe near the top of the cabinet
    *   Secure the T2 temperature/humidity probe (body) near the center of the cabinet
    *   Secure the T3 temperature probe near the bottom of the cabinet

4. If desired, use a RJ45 quick disconnect coupler and a standard ethernet cable to extend the length of the sensor input cable and/or to serve as an easy disconnect point for rack door removal.

5. Plug the RJ-45 cable into a Sensor Port on the iPDU or Sensor Hub (Panduit PN: EF001).