

EA9102 / EA9103 / EA9105 :

TEMPERATURE & HUMIDITY SENSORS

EA9102

EA9105

EA9103



Temperature and humidity sensors are designed to add comprehensive environmental monitoring to any iPDU. Environmental sensors are engineered with an embedded microchip that converts analogue 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.

Note: The Temperature and humidity Sensors are only designed to connect to a Enlogic iPDU. Connecting it to another device may result in damage.

| Electrical | EA9102 Temp Sensor | EA9103 Temp + Humidity | EA9105 3 x Temp + 1 Humidity |
|---------------------------------|--------------------|---|---------------------------------|
| Operational Voltage | | 5V DC | |
| Range | - 10 + 65 degree | - 10 + 65 Degrees | 10-90RH |
| Accuracy | + - 2 Degrees | -+ 2 Degree | -+5% RH at 5-50 degree, 10-90RH |
| Physical | | | |
| Wire Length | 2m | 2m (From PDU to Sensor) | 1m (Temp Probe to Sensor) |
| Wire Type | | CAT5.5E Patch cable, UTP | |
| Environmental | | | |
| Maximum elevation | | 0-10000 ft. (0-3048m)/0-50000ft. (0-15240m) | |
| Temperature (Operating/Storage) | | 0 degrees - +60 degrees - 20 + 70C - 20 + 70C | |
| Humidity (Operating/Storage) | | 0 - 95% RH, Non Condensing | |
| Compliance | | | |
| Environmental Verification | | ROHS, WEEE | |

