

Temperature Sensor Kit

SPECIFICATIONS

The temperature sensor kit shall add comprehensive temperature monitoring to a specific point in a rack via the Panduit G5/G6 iPDU or UPS. The single sensor is ideal for monitoring the top of rack temperature conditions in the hot or cold aisle. This temperature sensor is designed with an embedded microchip that converts analog signals to digital format before data travels to the Panduit G5/G6 iPDU or UPS, providing greater data accuracy. This smart design shall enable easy plug-and-play installation that takes just moments to complete. Installation of the sensor and ongoing equipment maintenance is further facilitated by the quick disconnect coupler and Ethernet patch cord, which allow for the convenient extension of sensors, movement of equipment, and an easy disconnect method for removing rack enclosure doors.



Temperature Sensor Kit

Temperature Sensor Kit: EA001

TECHNICAL INFORMATION

Dimensions: 1.23 x 0.70 x 0.40 inches (44 x 21 x 11 mm)

Mounting: Cable ties

*Mounting hardware included

KEY FEATURES AND BENEFITS

RJ45 connection: Utilizes an RJ45 plug socket to allow standard patch cord connection

Versatile mounting: Offers versatile mounting options to accommodate easy deployment inside a rack or within a room within a data center or facility building

Plugs directly to the Panduit G5/G6 iPDU and UPS: Simplifies installation as it self-identifies to the Panduit G5/G6 iPDU and UPS firmware

APPLICATIONS

The temperature sensor kit is designed to add comprehensive environmental monitoring to the Panduit G5/G6 iPDU and UPS. Secure the sensor to the cabinet or door using cable ties; a magnet has been added to the rear of the sensor to aid in placement. The sensor connects to the Panduit G5/G6 iPDU, Sensor Hub (EF001) or UPS, via RJ45 quick disconnect coupler and Ethernet patch cord.

Temperature Sensor Kit

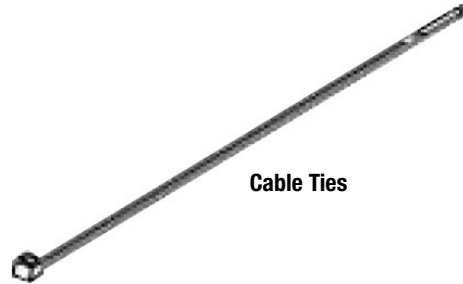
TECHNICAL SPECIFICATION

Electrical	
Operational Voltage:	5VDC
Accuracy:	±2°C ±5% RH at 5-50°C 10-90% RH
Measuring Range:	0°C~+65°C, 10 – 90% RH, non-condensing
Physical	
Length:	2m
Environmental	
Elevation Above MSL (Operating/Storage):	0 – 10,000 feet (0 – 3,048m)/0-50,000 feet (0 – 15,240m)
Temperature (Operating/Storage):	0°C~+65°C (32~149°F)/-20~ + 70°C (-4 ~ 158°F)
Humidity (Operating/Storage):	0 – 95% RH, non-condensing (storage) 10 – 90% RH, non-condensing (operating)
Compliance	
Environmental Verification:	ROHS, WEEE

KIT CONTAINS

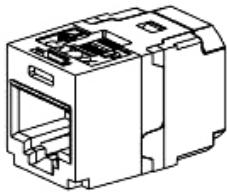


Temperature Sensor



Cable Ties

RECOMMENDED PRODUCTS



RJ45 Quick Disconnect Coupler
Sold Separately
Panduit Part Number: [CC688BL](#)



Standard Ethernet Extension Cable
Sold Separately
2.0m length
Panduit Part Number: [UTP28CH2MBL](#)

Note: The temperature sensor kit is only designed to connect to a Panduit G5/G6 iPDU or UPS. Connecting it to another device may result in damage.

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