

# Excel Intelligent PDU Temperature and Humidity Sensor

Item Code: 555-500-200



Monitors temperature & Humidity variations

Humidity range 0-100% Relative Humidity

Response time 8 Seconds in slow moving air @ 25°C

Set Min/Max thresholds for the sensor

Ability to place sensors within the room or cabinet

## Product Overview

Housed in Black ABS Enclosures, the IPT Sensors offer accurate measurements for IT Racks and computer rooms. This humidity sensor also gives a temperature reading.

Note: Only 1 of the humidity sensors can be assigned to a PDU.

## Product Specifications

Feature	Values
Indicator	Digital

## Additional specifications

Features	Values
Temperature Range	-40°C to + 125°C
Maximum Sensors	8 (1+7)
Accuracy	-25 to 85 °C = +/-0.5°C Nominal
Humidity Range	0 - 100% Relative Humidity
Response Time	8 Seconds in Slow Moving Air @ 25°C
Total Accuracy	+/- 4.5% RH, 0-100% RH Non Condensing @ 25°C

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## Standards

Applicable standard	Detail
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

## Part Number Table

Part Number	Description
555-500-100	Excel Intelligent PDU Temperature Sensor Kit with 3 m Lead
555-500-200	Excel Intelligent PDU Temperature and Humidity Sensor
555-500-800	Excel Intelligent PDU Door Sensor Kit

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



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