

# P3-DS301-RJ

## NTC Temperature Sensor -50°C to +70°C

Supplied with 1.5m 2 core FEP cable

For use with the D3 family of wireless base stations

Compatible with a full range of P2-WS2XX Intelligent Wireless Transmitters (supplied separately)



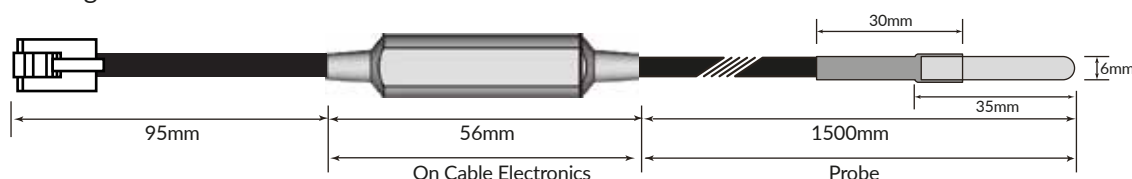
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C.

The sensor utilises a NTC thermistor which offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with epoxy with a heat shrink sheath. The FEP cable allows the cable to flex over its full operating range. The probe is supplied with a 1.5m cable.

Common uses: Fridges | Cold Rooms | Production Areas

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: \_\_\_\_\_ -50°C to 70°C

Accuracy: \_\_\_\_\_ Below -30° | -30°C to 70°C

Standard - ±0.8°C | ±0.5°C

Calibrated - ±0.5°C | ±0.2°C

Thermistor: \_\_\_\_\_ NTC 5K R/T curve 8016/A01

Weight: \_\_\_\_\_ 40g

Sensor Cable: \_\_\_\_\_ 1500mm 2 core FEP cable

Probe Sheathing: \_\_\_\_\_ 316L grade stainless steel

### On Cable Electronics

Connector: \_\_\_\_\_ RJ11

Operating Temperature: \_\_\_\_\_ -20°C to 55°C

Electronics Sheathing: \_\_\_\_\_ Technomelt OM678

Electronics IP Rating: \_\_\_\_\_ IP65

Probe IP Rating: \_\_\_\_\_ IP68



Doc: 106-10171-01 (Datasheet - P3-DS301-RJ)

**Visit: [www.tek-troniks.com](http://www.tek-troniks.com) Call: 0115 9890090**

#### Product Disclaimer:

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