



tek-troniks

# P3-DS321-HR

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

Supplied with 4m 2 core arctic quality cable

For use with the D3 family of wireless base stations  
Compatible with a full range of Intelligent Wireless Transmitters (supplied separately)

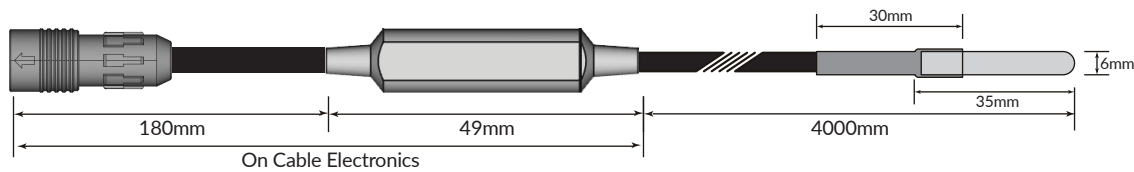
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C. The NTC thermistor offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with epoxy with a heat shrink sheath.

The arctic cable can withstand the full temperature range but should not be flexed at low temperatures – See P3-DS301/2 for alternatives.

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	<b>On Cable Electronics</b>
Accuracy: _____	Below -30°   -30°C to 70°C	
Standard -	±0.8°C   ±0.5°C	
Calibrated -	±0.5°C   ±0.2°C	Connector IP Rating: _____
Thermistor: _____	NTC 5K R/T curve 8016/A01	Connector: _____
Weight: _____	80g	Operating Temperature: _____
Sensor Cable: _____	4000mm 2 core arctic quality cable	Electronics Sheathing: _____
Probe Sheathing: _____	316L grade stainless steel	Electronics & Probe IP Rating: _____

### Compatible P2-WS Wireless Transmitters

Part No.	Description
P2-WS102-0433	Single Input Wireless Transmitter with Hirose Connector (433Mhz)
P2-WS103-0433	Dual Input Wireless Transmitter with Hirose Connectors (433Mhz)
P2-WS102-2400	Single Input Wireless Transmitter with Hirose Connector (2.4Ghz)
P2-WS103-2400	Dual Input Wireless Transmitter with Hirose Connectors (2.4Ghz)

### Compatible Accessories

Part No.	Description
P7-SA1009	Probe Fixing Bracket (for pipework, etc)

Doc: 106-10054-01 (DataSheet Intelligent Sensor Range)

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

#### Product Disclaimer:

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