

# P3-DS305-HR

## PT100 Surface Temperature Sensor -20°C to +90°C

Supplied with 1.5m 3 core flat PVC ribbon cable

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

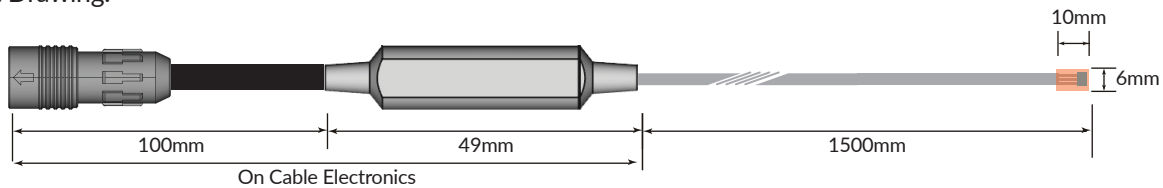
Polyimide insulated surface mount temperature sensor designed to provide a practical method for measuring surface temperatures in the range of -20°C to +90°C. The thin design of the sensing element minimises the effects of having the sensor attached to the surface being measured resulting in a fast thermal response.

The sensor is terminated to 3 wire flexible flat ribbon cable providing easy mount through door seals.

Common uses: Chilled & Hot Surfaces | Hot Plates | Incubators

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____	-20°C to 90°C	<b>On Cable Electronics</b>
Accuracy:	-20 to 40°C   40°C to 90°C	
Standard -	±0.5°C   ±0.8°C	Connector IP Rating: _____
Calibrated -	±0.2°C   ±0.3°C	Connector: _____
Thermistor: _____	PT100 Class B	Operating Temperature: _____
Weight: _____	19g	Electronics Sheathing: _____
Sensor Cable: _____	1500mm 3 core PVC ribbon cable	Electronics & Probe IP Rating: _____
Cable Operating Temperature: _____	-20°C to 90°C	
Probe Sheathing: _____	Polymide Film	

### 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)

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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