

P3-DS309-HR

PT1000 Flexible Extreme Range Sensor -200°C to +200°C



Supplied with 1.5m flexible mineral insulated cable

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

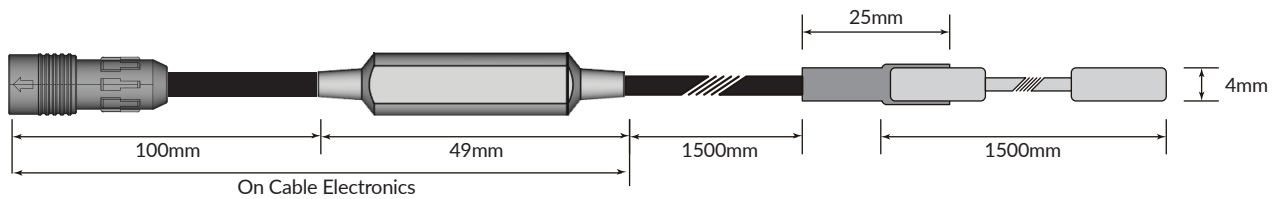
The mineral insulated sensor is supplied with a 316L stainless steel sheath suitable for use over the entire range of -200°C to +200°C. The mineral insulated construction allows the sensor to be bent (100mm from tip) and protects the sensing element against failure caused by vibration.

Terminated to FEP cable pot sealed with epoxy resin. The sensors can be used both immersed or in free air.

Common uses: LN2 Flasks | Incubators | -45°C Freezers | -80°C Freezers | Ovens & Scald Tanks

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: _____	-200°C to 200°C				On Cable Electronics
Accuracy: _____ @ -100°C	@ 0°C	@100°C	@200°C	Connector IP Rating: _____	
Standard - ±1.0°C	±0.5°C	±1.0°C	±1.0°C	Connector: _____	
Calibrated - ±0.5°C	±0.2°C	±0.5°C	±0.5°C	Operating Temperature: _____	
Thermistor: _____	PT1000 Class B			Electronics Sheathing: _____	
Weight: _____	100g			Electronics & Probe IP Rating: _____	
Sensor Cable: _____	1500mm 3 core FEP cable				
Probe Sheathing: _____	316 grade stainless steel				
Probe Cable: _____	1500mm flexible mineral insulated cable				

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 Call: 0115 9890090

Product Disclaimer:

The recommendations and suggestions regarding product application and use that are offered on Tek-troniks.com, in our product brochures, datasheets, or information provided by any employee or distributor, are a guide in the use of this product and are not a guarantee to their performance. Tektroniks reserve the right to alter specification of their products without prior warning or notification. Always read instruction manuals fully before installing any Tektroniks component.