



tek-troniks

P3-DS320-HR

NTC Temperature Sensor -50°C to +70°C

Supplied with 1.5m 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)

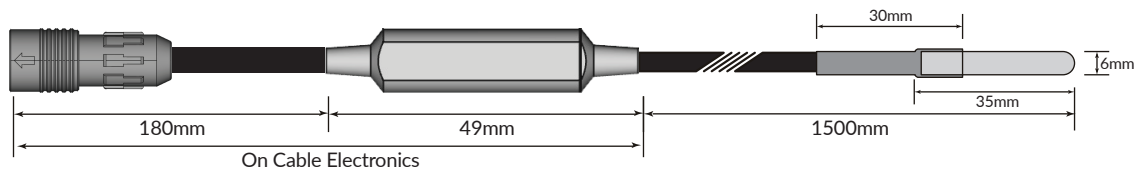
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C. The NTC thermistor offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with 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	On Cable Electronics
Accuracy: _____ Below -30° -30°C to 70°C	
Standard - ±0.8°C ±0.5°C	Connector IP Rating: _____ IP67
Calibrated - ±0.5°C ±0.2°C	Connector: _____ 3 pin male Hirose
Thermistor: _____ NTC 5K R/T curve 8016/A01	Operating Temperature: _____ -20°C to 55°C
Weight: _____ 40g	Electronics Sheathing: _____ Technomelt OM678
Sensor Cable: _____ 1500mm 2 core arctic quality cable	Electronics & Probe IP Rating: _____ IP68
Probe Sheathing: _____ 316L grade stainless steel	

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)

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Product Disclaimer:

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