



Supplied with 4 M 2 core arctic quality cable

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

DATAssure™ D3

FTEP3-DS321-HR

For use with the DATAssure™ 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 6 mm diameter 316 L 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 FTEP3-DS301/2 for alternatives.

Common uses: Fridges | Cold Rooms | Production Areas.

This product can be supplied with a calibration certificate.

| Technical Specification | | | Sensor Cable: | 4000 mm 2 core arctic quality cable | |
|-------------------------|---------------------------|------------------|--------------------------------|-------------------------------------|-----------------------------|
| Temperature Range: | | | -50 °C to +70 °C | Probe Sheathing: | 316 L grade stainless steel |
| Accuracy: | | | | On Cable Electronics | |
| | Below -30 °C | -30 °C to +70 °C | Connector IP Rating: | IP67 | |
| Standard | - ±0.8 °C | ±0.5 °C | Connector: | 3 pin male Hirose | |
| Calibrated | - ±0.5 °C | ±0.2 °C | Operating Temperature: | -20 °C to +55 °C | |
| Thermistor: | NTC 5K R/T curve 8016/A01 | | Electronics Sheathing: | Technomelt OM678 | |
| Weight: | 80 g | | Electronics & Probe IP Rating: | IP68 | |

Compatible FTEP2-WS Wireless Transmitters

| Part No. | Description |
|------------------|---|
| FTEP2-WS102-0433 | Single Input Wireless Transmitter with Hirose Connector (433 Mhz) |
| FTEP2-WS103-0433 | Dual Input Wireless Transmitter with Hirose Connectors (433 Mhz) |
| FTEP2-WS102-2400 | Single Input Wireless Transmitter with Hirose Connector (2.4 Ghz) |
| FTEP2-WS103-2400 | Dual Input Wireless Transmitter with Hirose Connectors (2.4 Ghz) |

Compatible Accessories

| | |
|--------------|--|
| FTEP7-SA1009 | Probe Fixing Bracket (for pipework, etc) |
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Ci085/V2

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