



Supplied with 1.5 m 2 core FEP cable

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

# DATAssure™ D3

FTEP3-DS301-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 sensor utilises a NTC thermistor which 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 FEP cable allows the cable to flex over its full operating range. The probe is supplied with a 1.5 m cable. Common uses: Fridges | Cold Rooms | Production Areas

This product can be supplied with a calibration certificate.

### Technical Specification

Temperature Range: -50 °C to +70 °C

Accuracy:

	Below -30 °	-30 °C to +70 °C
Standard	- ±0.8 °C	±0.5 °C
Calibrated	- ±0.5 °C	±0.2 °C

Thermistor: NTC 5K R/T curve 8016/A01

Weight: 40 g

Sensor Cable: 1500 mm 2 core FEP cable

Probe Sheathing: 316 L grade stainless steel

### On Cable Electronics

Connector IP Rating: IP67

Connector: 3 pin male Hirose

Operating Temperature: -20 °C to +55 °C

Electronics Sheathing: Technomelt OM678

Electronics 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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