On Cable Electronics

Supplied with 4 m 2 core FEP cable

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

# DATAssure™ D3

## FTEP3-DS302-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 4 m cable. Common uses: Fridges | Freezers | Cold Rooms | Production Areas | Chilled & Cold Pipework

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:**    80 g

**Sensor Cable:**    4000 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 & 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) |
|---|---|

Ci067/V2