



Supplied with 1.5 M flexible mineral insulated cable

## PT100 Flexible Extreme Range Sensor -200 °C to +200 °C

# DATAssure™ D3

FTEP3-DS309-HR

**For use with the DATAssure™ 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 316 L 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 (100 mm 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.

Technical Specification					Sensor Cable:	1500 mm 3 core FEP cable
Temperature Range: -100 °C to +200 °C					Probe Sheathing:	316 L grade stainless steel
Accuracy:					Probe Cable:	1500 mm flexible mineral insulated cable
	@ -200 °	@ 0 °	@ 100 °C	@ 200 °C	<b>On Cable Electronics</b>	
Standard	±1.0 °C	±0.5 °C	±1.0 °C	±1.0 °C	Connector IP Rating:	IP67
Calibrated	±0.5 °C	±0.2 °C	±0.5 °C	±0.5 °C	Connector:	3 pin male Hirose
Thermistor: PT100 Class B					Operating Temperature:	-20 °C to +55 °C
Weight: 100 g					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)

CI074/V2

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