



Supplied with 1.5 m 3 core flat PVC ribbon cable

PT100 Surface Temperature Sensor -20 °C to +90 °C

DATAssure™ D3

FTEP3-DS305-HR

For use with the DATAssure™ D3 family of wireless base stations. Compatible with a full range of Intelligent Wireless Transmitters (supplied separately).

Polyimide insulated surface mount temperature sensor designed to provide a practical method for measuring surface temperatures in the range of -20 °C to +90 °C. The thin design of the sensing element minimises the effects of having the sensor attached to the surface being measured resulting in a fast thermal response. The sensor is terminated to 3 wire flexible flat ribbon cable providing easy mount through door seals.

Common uses: Chilled & Hot Surfaces | Hot Plates | Incubators

This product can be supplied with a calibration certificate.

Technical Specification

Temperature Range: -20 °C to +90 °C
Accuracy:

	-20 ° to 40 °C	40 ° to +90 °C
Standard	- ±0.5 °C	±0.8 °C
Calibrated	- ±0.2 °C	±0.3 °C

Thermistor: PT100 Class B
Weight: 19 g

Sensor Cable: 1500 mm 3 core PVC ribbon cable

Cable Operating Temperature: -20 °C to +90 °C
Probe Sheathing: Polyimide Film

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)

CI070/V2

Planer Limited

110 Windmill Road, Sunbury-On-Thames
Middlesex TW16 7HD, United Kingdom
A Hamilton Thorne Company

Tel: +44 (0)1932 755 000
Fax: +44 (0)1932 755 001

enquiries@planer.com
www.planer.com

PLANER
PRESERVE / PROTECT / NURTURE

© 2019 Planer Ltd