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

<table>
<thead>
<tr>
<th>Temperature Range</th>
<th>Accuracy:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Below -30 °C</td>
</tr>
<tr>
<td>Standard</td>
<td>±0.8 °C</td>
</tr>
<tr>
<td>Calibrated</td>
<td>±0.5 °C</td>
</tr>
</tbody>
</table>

**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.**
  - 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)