Wireless Precision Temperature Sensor for Transport Applications (DLTi-probe-tr)



- Accurate wireless temperature measurement
- Battery life of over 6 years
- Compatible with all Wireless Value Base Stations
- Signal range of 1,600 metres (line of sight)

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Description

DLTi-probe-tr

Wireless transport temperature sensor with detachable probe

Thanks to its e-ink display and a push button, this sensor is ideal for monitoring temperature during transport. The temperature can be read continuously on the low-power display. Pressing the button at the start and end of transport adds markers to the graph, making the transport period clearly visible for analysis. The large internal storage of this sensor ensures that no data is lost if the connection with the Base Station is interrupted for any reason. The measurement results from this sensor can then be used in the Online Portal for monitoring and analysis.

Thanks to its detachable probe, this sensor is easy to calibrate, because the calibration value is stored in the probe.

- Memory for storing 10,000 measurements
- Adjustable measurement interval
- Robust IP54 ABS housing
- Suitable for wall mounting
- Existing system can easily be extended with additional sensors

- User-replaceable battery
- Unique network ID to prevent interference with other wireless systems

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Specifications

General

Battery type	AA
Battery life	Over 6 years

Measurement range

Temperature	-20 °C to +80 °C
Operating limits	-20 °C to +80 °C
Signal range	1,600 metres, line of sight

Measurement accuracy

Temperature	± 0.3 °C from -20 °C to 80 °C

Measurement resolution

Temperature	0.1

Legislation and standards

RED (Radio Equipment Directive)	yes
CE	yes
EN 300 220	yes

Technical specifications

Battery voltage	3.6
IP rating	IP54

Dimensions

Housing dimensions	105 (l) x 70 (w) x 34 (h) mm