Wireless transport module for PT100 temperature sensor (DLTa-tr-P100)



- Accurate wireless detection

wirelessvalue

- Battery life of over 6 years
- Compatible with all Wireless Value Base Stations
- Range 1,600 metres (clear line of sight)
- Features e-ink display and programmable button for transport start and end time

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Description

DLTa-tr-P100

Transport sensor for temperature using a PT100 element

Thanks to its e-ink display and button, this sensor is ideal for monitoring temperature during transport. The temperature can be read continuously on the energy-efficient display. Pressing the button at the start and end of transport places markers in the graph, making the transport clearly visible for analysis. During transport, the display shows whether the temperature bandwidth has been exceeded. The measurement results from this sensor can then be used for monitoring and analysis in the Online Portal.

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive IP65 ABS enclosure
- Suitable for wall mounting
- Existing system can easily be expanded with additional sensors
- Battery replaceable by user
- Unique network ID to avoid interference with other wireless systems

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DLTa-tr-P100

Specifications

General

Battery type	AA
Casing	IP65
Battery life	over 6 years
Model	Wireless module suitable for external Pt100 sensor with e-ink display and programmable button

Measurement range

Temperature	-100 °C to +200 °C, optionally up to +400 °C at extra cost
Operating limits	-20°C to +80°C
Signal range	1,600 meters with clear line of sight

Measurement accuracy

Temperature	+/- 0.1°C (excluding probe)

Measurement resolution

Temperature	0.1 °C

Legislation and standards

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

Technical specifications

Battery voltage	3.6
IP rating	IP65
Memory	10,000 measurements

Dimensions

Housing dimensions	105 (l) x 70 (w) x 34 (h) mm
Weight	93 g (excluding battery)