



Wireless temperature sensor

The Wireless Value DLTa-P1000 is a versatile and accurate temperature gauge. The sensor is usually used to measure the supply and return of heating networks (such as pipe rail) in places where the climate computer does not perform this measurement. This makes it easy to monitor whether valves and pumps are working properly within a heating system. The sensor can also be used to measure soil temperature.

Features

- Accurate wireless detection
- Battery life > 5 years
- Compatible with all Wireless Value base stations
- Range 1,000 metres (unobstructed line of sight)

Applications

- Horticulture
- Agriculture

Specifications

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

The connected base station sends the sensor values to:

- Wirelessvalue.online (LAN or mobile provider)
- Climate computer (via Modbus)

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Technical specifications

Model	wireless module
Type	external
Sensor type	PT1000
Measurement range	
Range	-100°C to +400°C
Measurement accuracy	
Accuracy	0.1%
Resolution	0.1°C
Measurement interval (M)	adjustable between 1 second and 255 minutes, standard 2 minutes
Operating limits	-20°C to +80°C
Power supply	1 AA 3.6 V lithium battery
Battery life	> 5 years at default setting for M
Memory	10,000 measurements
Order code South America (Peru)	WSW-DLTa-p1000
Frequency plan	US902-928
Frequency	916,500 MHz
Legislation	RED, CE
Range	1,000 m with unobstructed line of sight
Enclosure	IP65
Colour	black
Dimensions	60 (w) x 80 (h) x 26 (d) mm, excl. wall bracket
Weight	80 g (excluding battery)
Configuration	SensorGraph or Wirelessvalue.online

