Wireless plant temperature sensor (Crtt)



- Accurate wireless temperature measurement
- Over 10-year battery life
- Compatible with all Wireless Value Base Stations
- Transmission range 1,600 metres (clear line of sight)

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Crtt-efinb



Description

Crtt

The Wireless Value Crtt uses infrared to measure the plant temperature. Its unique design makes the Crtt splashproof (IP65), so the sensor element cannot be damaged by moisture and the sensor can be easily directed at the desired plant part. This can be the stem, leaf or fruit. Measurement results are sent wirelessly to the Base Station where the data can be used for monitoring and analysis.

- 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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Specifications

General

Casing	IP65
Colour	Matte black
Battery life	over 6 years
Model	Wireless module with built-in sensor

Measurement range

Temperature	0 to 50°C
Operating limits	-20°C to +80°C
Angle of measurement	60°
Signal range	1,600 meters with clear line of sight

Measurement accuracy

Temperature	+/- 0.5 °C

Measurement resolution

Temperature	0.1

Legislation and standards

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

Technical specifications

IP rating	IP65
Memory	10,000 measurements

Dimensions

Dimensions	100 (l) x 100 (w) x 35 (h) mm
Weight	87 g (excluding battery)
Measurement area	8 mm minimum