



Wireless transport module for Pt100 or Pt1000

Using an e-ink display and a button, this sensor is ideal for monitoring temperature during transport. The temperature is continuously readable on an energy-efficient display. By pressing the button at the start and end of transport, markers appear in the graph, making the transport easily visible for analysis. Communication with the Base Station takes place over the licence-free 868 MHz frequency band; this allows large distances to be covered reliably. The large internal storage of this sensor ensures that no data is lost, should the connection to the Base Station be lost for any reason. In the Online Portal, the measurement results from this sensor can then be used for monitoring and analysis.

Features

- Accurate and wireless sensing
- Battery life up to 10 years
- Equipped with e-ink display and programmable button for start and end time transport
- Compatible with all WiSensys Base Stations
- 1.000 metre range (Line of sight)

Applications

- Pharma & Lab
- Industrial

Specifications

- Ability to buffer 10,000 measurements
- Programmable measuring interval
- Attractive ABS enclosure
- Wall-mountable
- Easy to acid sensors to operational system
- User-replaceable battery
- Unique network ID to avoid interference with other wireless systems

Sensor values are sent by the paired Base Station to:

- Wireless Value Online Portal (LAN of mobile provider)
- Wireless Value Online Portal (on premises)
- Modbus-network (IP or RS485)
- SensorGraph via serial interface or LAN

Wireless transport module for Pt100 or Pt1000

Technical specifications

Model	wireless module suitable for external Pt100 / Pt1000 sensor, e-ink display and programmable button
Type	external
Sensortype	Pt100 of Pt1000
Measurement range	
Range	-100° C to +400° C
Measurement accuracy	
Accuracy	+/- 0,1°C
Resolution	0,1 °C
Measurement interval	Configurable between 1 second and 255 minutes, default 2 minutes
Operating limits	-20 °C to +80 °C
Power supply	1 AA 3,6 V lithium battery
Battery lifetime	up to 5 years with a sample interval of 5 minutes
Memory	10.000 measurements
Radionorm	EN 300 220
Frequency	868 - 870 MHz
Legislation	RED, CE
Range	1.000 meter free line of sight
Housing class	IP65
Color	matt black
Dimensions	105 (l) x 70 (w) x 34 (h) mm, excl. gland & wallmount
Weight	95 g (excluding battery)
Configuration	SensorGraph of Wireless Value Online Portal
Ordering options	
Housing options	no
External antenna	no
Pressure relief	no
External power supply	no

