Wireless module for PT100 or PT1000

The Wireless Value DLTa is a versatile and accurate temperature gauge. Among other things, the sensor is used for measuring supply and return of heating networks (such as pipe rail) in places where the climate computer does not perform this measurement. In this way easy to monitor whether valves and pumps are working properly within a heating system. The sensor can also be used for monitoring refrigerators, ULT freezers and cryogenic vessels.

Features

· Accurate and wireless sensing
· Battery life up to 10 years
· Compatible with all WiSensys Base Stations
· 1.000 metre range (line of sight)

Applications

· Agriculture
· Pharma & lab
· Industrial

Specifications

· Ability to buffer 10,000 measurements
· Programmable measuring interval
· Attractive ABS enclosure
· Wall-mountable
· Easy to add 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 value

Wireless sensor for PT100 or PT1000

Design	Wireless module
Type	External
Sensor type	PT100 or PT1000
Measurement range	
Range	-180° 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	1 AA 3,6 V Lithium battery
Battery life	up to 10 years with a sample interval of 5 minutes
Memory	10.000 measurements
Radio standard	EN 300 220
Frequency	868 - 870MHz
Range	1.000 m with free line of sight
Housing	IP65
Color	matt black
Dimensions	105(l) x 70(w) x 34(h) mm, excl. gland & wall mount
Weight	93 g (excluding battery)
Configuration	SensorGraph or WebSensys
Legislation	RED, CE
Ordering options	
Housing options	no
External antenna	no
Pressure relief	no
External power supply	no