Wireless outdoor thermometer

Code: JB-EXT-TH-R

The wireless thermometer can be used in an outdoor environment or an environment with demanding climatic conditions.



Product description:

In the MyJABLOTRON application, a temperature chart can be plotted, temperature notifications or the switching of PGs on achievement of a certain temperature can be set.

The thermometer is designed for control panels of the JABLOTRON 100+ system. It measures the internal temperature, or an external temperature sensor (JB-TS-PT1000) can be connected that has a measuring temperature range of -50 °C to +200 °C.

The product is supplied with power by two batteries with a total service life of up to 10 years.

Technical information:

Power	2x Lithium battery type CR123A (3.0 V/1500 mAh) Please note: Batteries are not included		
Current consumption (nominal/maximal)	15 µA/50 mA		
Typical battery lifetime (applies if the electronics are placed in a non-condensing environment with temperature of 0 °C to +30 °C and relative humidity of 10% - 90% rH).			
	Sensor type/number of batteries	1x CR123A	2x CR123A
	Internal	5 years	10 years
	External (JB-TS-PT1000)	2 years	4 years
Low battery reporting	< 2.4 V		
Communication band	868.1 MHz, JABLOTRON protocol		
RF range	up to 200 m (open area)		
Dimensions	90 x 110 x 35 mm		
Weight	145 g		
Internal sensor temperature measurement range	-25 °C to +60 °C		

External sensor temperature measurement range	-50 °C to +200 °C
Operational temperature	-25 °C to +60 °C
Internal sensor temperature measurement range accuracy	±0.6 °C
External sensor temperature measurement range accuracy	±1 °C
IP coverage	IP53
Also complies with	ETSI EN 300 220, EN 60950-1, EN 50130-4, EN 55022