



JB-EXT-TH-R Wireless outdoor thermometer

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

○ [Declaration of conformity - JB-EXT-TH-R \(PDF 317.4 kB\)](#)

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 specifications

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

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|---|---|
| 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 |