WTS100
WIRELESS TEMPERATURE SENSOR

Developed for temperature monitoring and control applications that are frequently requested in IoT projects.

WTS100 works with MTL100 GW.

It has a Maxim DS18B20 temperature sensor that does not require calibration. Other types of sensors may be used.

RF communication can be ordered at different frequencies in the ISM band.

TECHNICAL SPECIFICATIONS:

- **Data Rate: 2Mbps @ 2,4GHz**
- **433MHz-868MHz-2,4GHz**
- **GFSK**
- **Communication distance: 10m (Open air)**
- **Power consumption:**
    900nA (Deep sleep)
    11,3mA @ 0dBm TX
    12,3mA @ 2Mbps data rate RX
- **RF power: 0 dBm**
- **Sensitivity: <90dB @2,4GHz**
- **DS18B20 Digital Temperature Sensor**
    -10°C ito +85°C interval ± 0,5°C
- **Battery life:1 Year (Depends on data sending period)**
- **Dimensions: 82,5x65x45 mm**
- **IP67 Waterproof**
- **Operating temperature: -20ºC to +80C**
- **Internal antenna**

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