



MCF-LW12TERWP

LoRaWAN™ outdoor environmental sensor

This IP67 battery powered sensor reads temperature, humidity and pressure and sends collected data over the LoRaWAN™ network. Ideally suited for a wide range of applications such as weather stations, urban monitoring, air quality, industrial, environmental or farming projects.

 LoRa Alliance Certified™

Characteristics:

- CPU Cortex M0+
- EEPROM 32Kb
- Flash 64k
- Encryption AES 128 bit
- Class A LoRaWAN™ stack @868Mhz @920Mhz (SIN, HKG...)
- Temperature -10..... 70 °C (±0.5°C)
- Humidity 0%..... 100% (20%80%±3% @25°C, 0%-20%-80%-100%@ 25°C ±5%)
- Pressure 300....1100hPa (±1hPa)
- Battery powered with 5 years of life (according radio propagation effectiveness and 10 min reading period)
- NFC for IoT node setup, FW upgrade and data reading
- Wall or pole mounting
- Storage temperature range -20 + 80C°
- Working temperature range -20 + 70C
- Dimensions: 150x150x40mm
- Protection class IP67

Applications:

- Weather Station
- Smart city
- Smart agriculture

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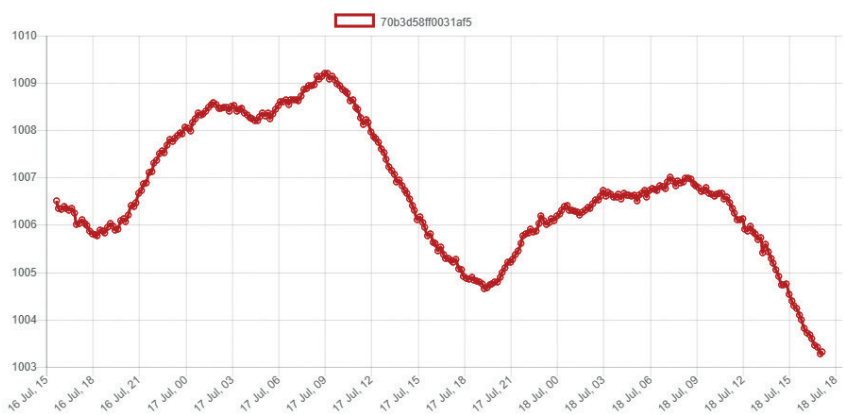
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Grafico

Temperatura



Pressione



Umidità

