



MCF-LW12TER

LoRaWAN® indoor environmental sensor

This device reads temperature, humidity and pressure and sends collected data over the LoRaWAN® network. Ideally suited for a wide range of applications such as building automation, condition monitoring, predictive maintenance, security, healthcare and many more use cases.



Characteristics:

- CPU Cortex M0+
- EEPROM 32Kb
- Flash 64k
- Encryption AES 128 bit
- Class A LoRaWAN® stack @868Mhz @920Mhz (SIN, HKG...)
- Temperature -10..... 60 °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
- Installation indoor
- Storage temperature range -20 + 80C°
- Working temperature range -10 + 60C
- Dimensions: 80x80x25mm
- Weight ~145g

Applications:

- Home Building automation
- Energy saving
- Environmental quality control

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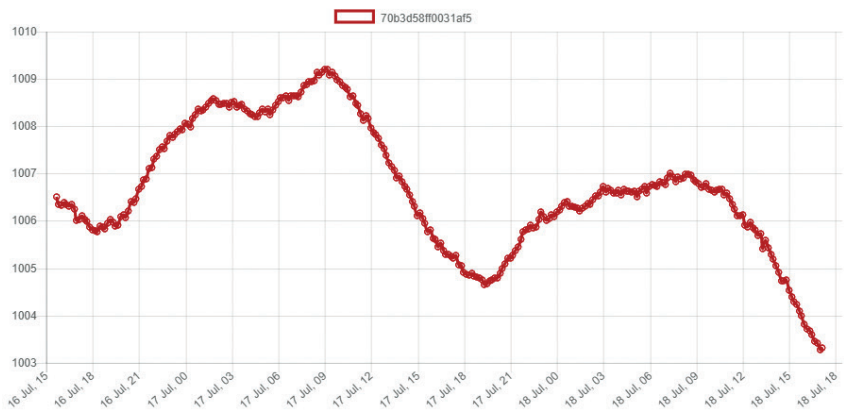
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Grafico

Temperatura



Pressione



Umidità

