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 to radio propagation effectiveness and 10 min reading period)
- NFC for IoT node setup, FW upgrade and data reading
- Installation indoor
- Storage temperature range -20 + 80°C
- Working temperature range -10 + 60°C
- Dimensions: 80x80x25mm
- Weight ~145g

Applications:
- Home Building automation
- Energy saving
- Environmental quality control
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Grafico

Temperatura

Pressione

Umidità