KONECTO

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.
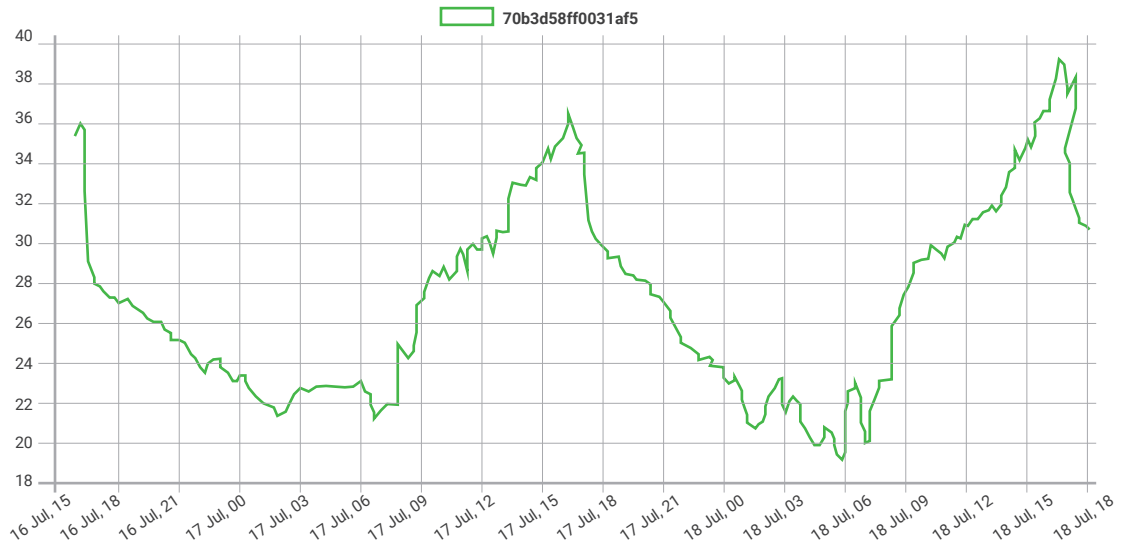
LoRaWAN CERTIFIED℠

CHARACTERISTICS:

- CPU Cortex M0+
- EEProm 32Kb
- Flash 64k
- Encryption AES 128 bit
- Class A LoRaWAN® stack EU868, AS923, AU915, US915 @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
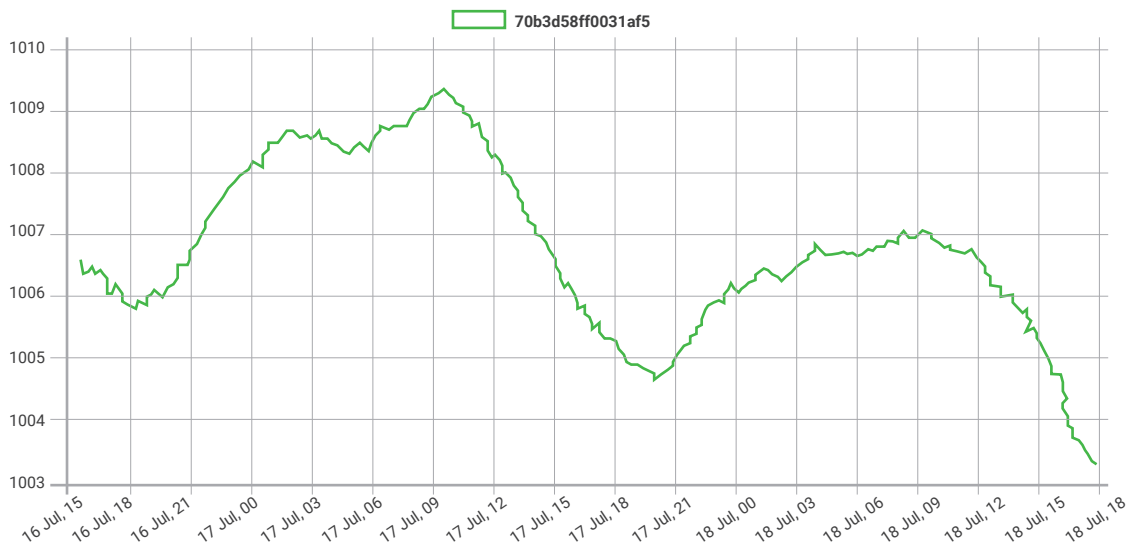- Dimensions: 80x80x25mm
- Weight ~145g

APPLICATIONS:

- Home Building automation
- Energy saving
- Enviromental quality control

Temperature

Atmospheric Pressure

Humidity