KONECTO

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.
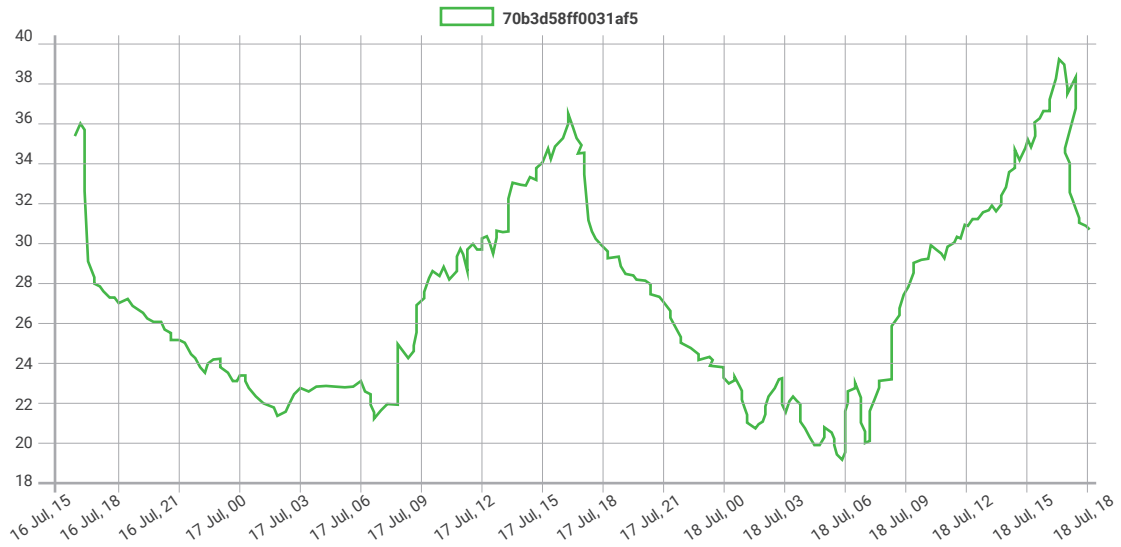
LoRaWAN CERTIFIED℠

CHARACTERISTICS:

- CPU Cortex M0+
- EEProm 32Kb
- Flash 64k
- Encryption AES 128 bit
- Class A LoRaWAN® stack EU868, AS923, AU915, US915 EU868, AS923
- 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 -30°C ÷ +80°C
- Working temperature range -30°C ÷ +70°C
- Dimensions: 150x150x40mm
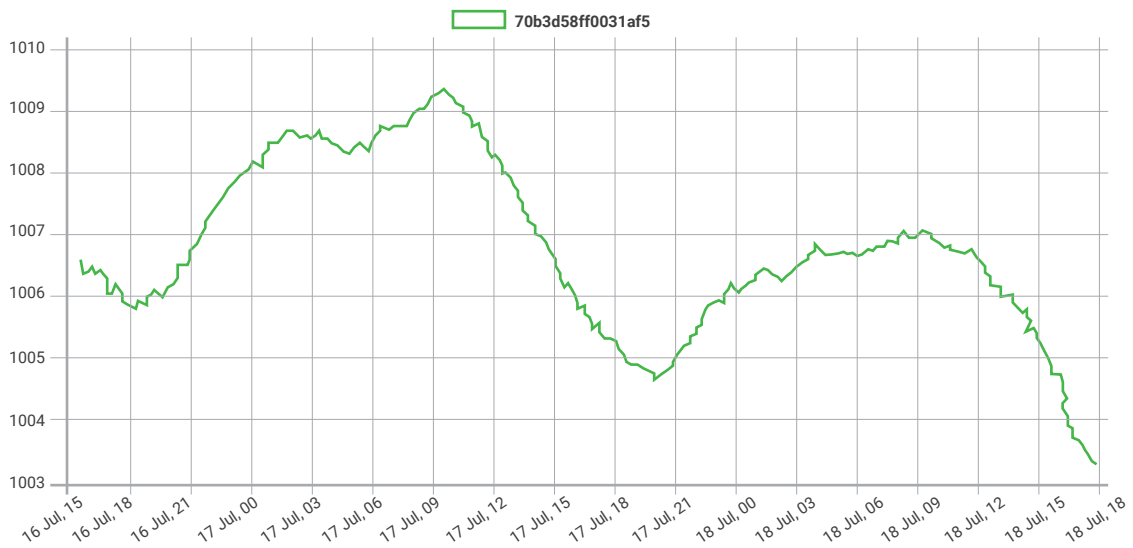- Protection class IP67

APPLICATIONS:

- Weather Station
- Smart city
- Smart agriculture

Temperature

Atmospheric Pressure

Humidity