MCF-LW12TERPM









AUTONOMOUS. With solar panel and rechargeable battery.

Up to 1 month of autonomy in no light. Backup battery as default.

MCF-LW12TERPM

LoRaWAN® Outdoor Environmental Sensor PM1 PM2.5 PM10

Applications

- Smart Agriculture
- Smart City
- Weather Station



Specifications

- CPU Cortex M0+
- EEProm 32Kb
- Flash 64k
- · Encryption AES 128 bit
- Class A LoRaWAN® stack EU868, AS923, AU915, US915
- Pressure 300 ÷ 1100hPa (±1.0hPa)
- Temperature $-10 \div 60^{\circ}C (0 \div 60^{\circ}C \pm 1.0^{\circ}C)$
- PM1\PM2.5 ±10 μg/m3 (0 to 100 μg/m3) or ±10% (100 to 1000 μg/m3);
 PM10 ±25 μg/m3 (0 to 100 μg/m3) or ±25% (100 to 1000 μg/m3)
- Humidity 0% ÷ 95% (20% ÷ 80% ±3% @25°C, 0% ÷ 20%-80% ÷ 95%@ 25°C ±5%)
- · NFC for IoT node setup, FW upgrade and data reading
- · Wall or pole mounting
- Storage temperature range -30 + 80°C
- Working temperature range -10 + 60°C
- Protection class IP33
- · Dimensions (approx) LxHxP: 210x310x200mm



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MCF-LW12TERPM official web page:



cod. EN013W01



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