

Specifications sheet

Wave Distribution

float
iot



Wave Distribution

NB-IoT / GPRS / LTE-M | Wired or Wireless M-bus and Modbus

Module

- Ultra low power 32 bit ARM cortex-M4 processor @ 48MHz
- 64KB SRAM
- 256KB FLASH
- Hardware watchdog
- On-board encrypted storage for off-line data retention
- Temperature & humidity sensor on board
- Dedicated hardware crypto-chip for secure communication & storage

I/O

- Standard I/O: pulse, onewire, TTL serial and 4-20mA
- Custom I/O via add-on board, i.e.:
- Modbus, M-Bus or Wireless M-Bus etc.

Battery life

- 10+ yrs in most applications

Communication

- Can use LTE-NB1, LTE-M and M2M/ GPRS networks
- Minisim or Usim interface
- Covering all globally used frequency bands
- Bluetooth Low Energy 4.1 module
- Supports OTA firmware- and configuration updates

Mechanical

- 3 x 3mm mounting holes
- Dimensions 35mm x 70mm

Operational

- Temperature Range: -40°C to +85°C
- Operating Voltage: 6.0V to 40.0V (12.0V typical)
- Humidity: 10% ~ 90% non condensing
- 5uA typical current consumption in deep sleep mode