senzemo

Senstick Pulse Meter SPM10

Senstick Pulse Meter is a LoRaWAN pulse meter, made to accurately measure consumption of water, gas, electricity and other pulse related measurements. It is designed to operate autonomously for several years. It is suitable for wide variety of applications where accurate data readings are needed.

Key features
- Accurate readings
- Leakage alert
- Manipulation alert
- No maintenance
- Easy installation

Applications
- Water consumption
- Gas consumption
- Electricity consumption

Technical specification

Enclosure	
Weight	70g
Dimensions	Φ25 x 120mm
Materials	ABS Plastic (White)

Configuration	
Sending Interval	1h (Configurable with NFC or Downlink)
No Activity Interval	24h (Configurable with NFC or Downlink)
Current Meter Value	Configurable with NFC or Downlink
Leakage Alert	Configurable with NFC or Downlink
Manipulation Alert	Configurable with NFC or Downlink

Operating conditions	
Temperature	-20°C to +60°C
Humidity	0 to 100% RH
IP Rating	IP67

Power supply	
Power Supply type	Li-SOC12 3.6V Battery (ER14505)
Expected operation	Up to 10 years

Connectivity LoRaWAN	
Wireless Technology	LoRaWAN® 1.0.3
Wireless Security	LoRaWAN® End-to-End encryption (AES-CTR), Data Integrity Protection (AES-CMAC)
LoRaWAN Device Type	Class A - End-device
Supported Regions	US902–928, EU863–870, AS920-923, AU915–928
Link Budget	137dB (SF7) to 151dB (SF12)
RF Transmit Power	14dBm (Region specific)