

Wireless Pulse Totaliser

Ready-to-use radio transceiver allowing transmission of totalised pulse data from water, gas, electricity & heat meters.

Two meters can be supported by a single transceiver providing significant reduction of costs for implementation and deployment.

Smart Pulse Transceiver with time-stamp and logging functions.



MAIN FEATURES

- Water, Gas, Electricity & Heat Meters
- Up to two Meters per Transceiver
- RTC-Timestamp and basic data-logger
- Tamper alarm or digital input
- Leak & Burst Detection
- Over The Air (OTA) configuration
- Up to 10 years operation with low battery alert

VERSIONS

For Meters and Devices with S0 or Reed Contact
Support for Zenner, Elster PR6PR7 und Sensus HRI

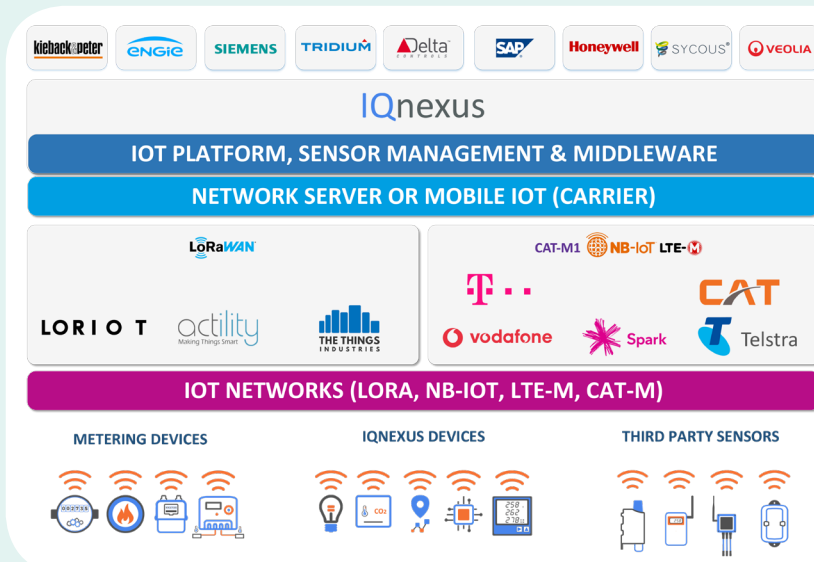
RADIO COMPLIANCE

- RCM mark for AUS/NZ
- AS/NZS 4268, AS/NZS CISPR
- Frequency Range 915-928 MHz



CONFIGURATION

Configuration via the LoRaWAN network of, periodicity, real-time-clock and data encryption.
Event based or periodic transmission. Transmits hourly values every 6 hours.



Wireless Pulse Transceiver

Features

Model Name	SEN-PULSE
Frequency Band	EU868, AS923, AU915 and US915
Transmission Range	Urban environment radius – 15 km max.
WAN Protocol	LoRaWAN 1.0.2
Modulation	Based on LoRaWAN™
RF Transmitter	SX1276
Receive Sensitivity	-140 dBm
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 60°C
Sensors	External Devices with Pulse Output or Reed Contact
Power Voltage	3.6 V Nominal
Battery	2 non rechargeable AA Lithium batteries
Antenna Type	External SMA
Ingress Protection	IP64 (Option IP67)
Dimensions	L 83mm x W 63mm x H 33mm
Weight	80 g (145 incl. Batteries)
Mounting	Flanged box mounted with two screws