

FM442p-n

Plug & Play IoT Sensor for Pulse meter



Product Range

BelSenso

FM442p-n

Plug & Play IoT Sensor for Pulse meter

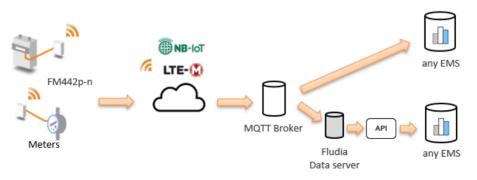


The **FM442p-n** is a plug-and-play IoT sensor designed for monitoring energy consumption in all types of buildings. It can be connected to all kinds of meters featuring a pulse output (water, gas, heat, electricity). The NB-IoT/LTE-M modem connects through standard cellular networks. Measurement data is transmitted to an MQTT broker and can be retrieved by any EMS (Energy Management System).

Benefits

- ⇒ Universal: compatible with meters featuring a pulse output (water, gas, heat, electricity,...)
- ⇒ Configurable: Measurement and transmission intervals remotely adjustable
- ⇒ Autonomous: Battery-powered for multiple years of operation
- ⇒ Designed and manufactured in France

Operational



Application

Smart Home



Smart City



Multifluid monitoring



Energy & Water control and savings



Multifluid budget control

General and technical features

	FM442p
Input	- Pulse Input (open collector or REED)
Output	- NB-IoT and LTE-M supported - MQTTs protocol
Operational	- Red and green LEDs for commissioning and diagnostics
Data	 - Energy index and power load curve every 10, 15 or 60 minutes (remotely adjustable) - Default configuration: index increment every 15 minutes, data sent every 4 hours
Power supply	- Two replaceable A-size batteries: 3.6V Lithium-Thionyl Chloride (Li-SoCl ₂)
Size & Weight	Battery box size: 95 x 75 x 30mm / Weight : 130gCable length: 150 cmOption: binder cable

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Reference

FM442p-n_ap_15mn

IoT Sensor for pulse meter - data 15mn

