

BelSenso FM432p-n

LoRa Pulse Multifluid Tracker



BelSenso FM432p-n LoRa™

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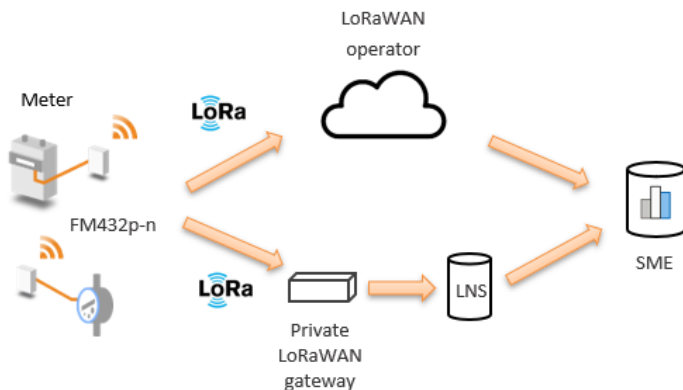
BelSenso FM432p-n is a multifluid LoRawan reader transmitting « pulse » data consumption from a Gas, Water or Heat meter to a server. It provides the ideal starting point for analyzing the level of consumption and offers a complete interoperability with IoT LoRa networks in order to rapidly report any change. This device is perfectly designed for deployment of energy efficiency services for Small and Medium Buildings.

Benefits

- ⇒ **Universal:** compliant with Pulse Multifluid meters
- ⇒ **Plug & Play:** self installation (< 5mn)
- ⇒ **Precision:** monitoring consumption every 10mn/15mn/1h
- ⇒ **Autonomy:** up to 10 years with battery



Operational



Application

Smart Home

Smart Building

Smart City



Multifluid
monitoring



Energy & Water
control and savings



Multifluid
budget control

General and technical features

	BelSensio FM432p-n
Input	Pulse Input (open collector or REED)
Output	LoRawan 868 Mhz Network - LoRaWan 1.0 Internal antenna (PCB) - RF Power 14 dbm (25mw)
Operational	Red and Green LED indicators T°: -15°C to +45°C
Data	Load curve measurement every 10mn, 15mn or 1h Transmission 5 to 20 messages/day (*) Data delivery (csv/json format) using FTP or API request or Softplug (.exe)
Power supply	Internal battery 3.6V, autonomy of 10 years
Size & Weight	Radio box: weight: 130gr - height: 95mm - width: 75mm - depth: 30mm

FM432p-n



References

FM432p-n_ap_10mn	LoRa Pulse Multifluid Tracker - data 10mn (**)
FM432p-n_ap_15mn	LoRa Pulse Multifluid Tracker - data 15mn (**)
FM432p-n_ap_1h	LoRa Pulse Multifluid Tracker - data 1h (**)

(*) Based on complete network availability and depending on the version (1h, 10mn)

(**) The Radio Box includes 2 Lithium size A batteries

Contact:

Fludia - 37 avenue Edouard Vaillant - 92150 Suresnes - France
Phone: +33 (0)1 83 64 13 90 - Mail: contact@fludia.com - www.fludia.com