Enless Wireless
Smart Building Radio Sensors

Metering transmitter LoRa / LoRaWAN
TX meter reading - LED pulses optical reading

LoRa LoRaWAN™

OPTICAL READING HEAD LED

RUGGED IP65 ENCLOSURE

EASY TO INSTALL

VERY LONG RANGE RADIO

REPLACEABLE BATTERY

SPECIFICATIONS

Enclosure and IP rating	ABS IP 65
Dimensions (l x w x h)	118 x 79 x 43 mm
Mounting	Wall / Collar / Din Rail (option)
Radio antenna	Embedded
Interface	LED optical reader
Inputs	1 pulse LED input
Pulse type	Any type of LED flash except infrared (3ms mini - 100ms max)
TX working temperature	- 20 / + 55°C
Power supply	Replaceable 3.6 V D Lithium battery - Low battery alert
Radio frequency band Radio protocol	868 MHz bidirectional LoRa proprietary – LoRaWAN (mode change via jumper)
Output power	25mW (14 dBm)
Configuration	LoRa proprietary: configuration from the receiver's IP server LoRaWAN: setup via downlink
Battery autonomy	LoRa proprietary: 12 years with 5mn periodicity LoRaWAN: 15 years with 15mn periodicity (in SF9) Configurable periodicity
Encryption	LoRa proprietary: no encryption LoRaWAN: AES128
Addressing	LoRa proprietary: LoRa ID LoRaWAN: DEVEUI, APPEUI, APPKEY keys (OTAA)
LED	3 LED's
Approval	CE
Product reference	TX PULSE LED 600-038

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