Smart Metering sensors
LED Flash Counting Sensor

TX PULSE LED 600-138

- Counting LED flashes from meters
- Easy installation of the optical reading head
- LoRaWAN & proprietary LoRa compatible
- High-capacity D-type battery
- Up to 20 years of autonomy
- Very long radio range

━ Technical Specifications

Physical Characteristics	
Protection rating	NEMA 4 / IP65
Mounting	Wall / Clamp / DIN rail
Operating temperature	-20 / +55°C
Operating relative humidity	10% - 90% (non-condensing)
Operating altitude	< 2000m
Operating pollution degree	3
Power supply	Replaceable Lithium 3.6V D-type battery
Battery life	8 years for a transmission every 5 minutes (SF9)

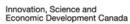| Radio	
Supported protocols	LoRaWAN (Class A) and Enless LoRa mode
Frequency	US915
Addressing	LoRaWAN = DEVEUI, APPEUI, APPKEY (OTAA) Enless LoRa mode = Enless LoRa ID
Encryption	LoRaWAN = AES128 Enless LoRa mode = No encryption
Transmission power	25mW (14 dBm)

Interface

LED Optical Reading Head	
Flash type	All types of flash (except infrared)
Flash duration	Minimum 3ms - Maximum 100ms
Flash frequency	Maximum 10Hz
Number of inputs	1 input
Accessories	Supplied with an adhesive target for mounting on the meter

Certifications

CE   FC   Innovation, Science and Economic Development Canada   LoRaWAN™

Dimensions (mm)

Enless Wireless
Smart Building Radio Sensors