Smart Metering sensors
LED Flash Counting Sensor

TX PULSE LED 600-038

> 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

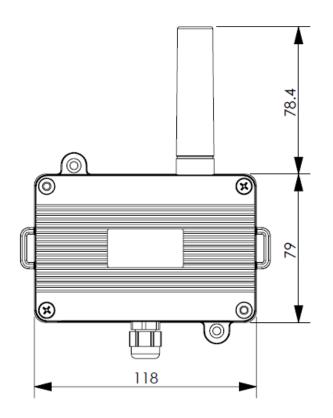| Physical Characteristics	
Protection rating	IP65
Mounting	Wall-mounted
Operating temperature	- 20 / + 55°C
Power supply	3.6V Lithium D-type battery - Replaceable battery
Battery life	10 years for a transmission every 5 minutes (SF9)

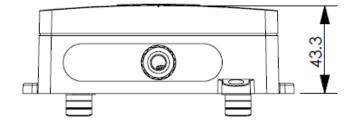| Radio	
Supported protocols	LoRaWAN (Class A) and Enless proprietary LoRa
Frequency	868MHz
Addressing	LoRaWAN = DEVEUI, APPEUI, APPKEY (OTAA) Enless proprietary LoRa = Enless LoRa ID
Encryption	LoRaWAN = AES128 Enless proprietary LoRa = No encryption
Transmission power	25mW (14 dBm)

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   UK CA   LoRaWAN CERTIFIED

Dimensions (mm)

78.4

79

118

43.3

Enless Wireless
Smart Building Radio Sensors