

Metering transmitter LoRa / LoRaWAN

TX meter reading - pulse meter - ATEX certified






APPROVED ATEX DEVICE - ZONE 0

RUGGED IP65 ENCLOSURE

EASY TO INSTALL

VERY LONG RANGE RADIO

REPLACEABLE BATTERY

VERY LONG BATTERY LIFE > 20 YEARS

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
Pulse interfaces	Dry contact & open collector
Inputs	2 pulse inputs (2 dry-contact inputs or 1 dry-contact input & 1 open collector input)
Pulse type	50ms min / 10Hz max
TX working temperature	- 20 / + 55°C
Power supply	Replaceable 3.6 V D Lithium battery - Low battery alert
Radio frequency band	868 MHz bidirectional
Radio protocol	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
Approvals	CE ATEX : PENDING (ZONE 0)
Product reference	TX PULSE ATEX 600-037

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