



Product ID: WiCounter
Category: Datalogger

Datalogger for monitoring pulse emitter meters. Allows monitoring of up to 4 pulse emitter meters, e.g. water, gas, etc.

TECHNICAL SPECIFICATIONS

CPU	Microcontroller 32bit@8MHz with 512K Flash and 192KB RAM.
Memory	4MB for data storage and 128KB for configuration.
Real time clock	Internal.
Temperature	Integrated temperature sensor.
Reed Switch	Magnetic sensor for start-up and reconfiguration of the device without the need to open the device enclosure.
Configuration	Via desktop pc application, and /or config.odins.es
Sampling frequency	Configurable from 3600 to 86400 seconds.
Data transmission protocol/format	MQTT/JSON
Communications	NB-IoT

SUPPLY CIRCUIT

Tensión de alimentación	Supply voltage
Consumption	40uA in standby, 60mA in transmission.
Autonomy	Up to 10 years of autonomy *Actual battery life may vary depending on different parameters such as: reading and sending periodicity, coverage level, operating temperature, etc. By default, 2 measurements and transmissions per day (every 12h).

ENVIRONMENTAL CONDITIONS

Working temperature	-20° ~ 85°C
Humidity	5% ~ 95% (non-condensing)

INFORMATION ABOUT ORDERS

Minimum order quantity	1
Order reference	WiCounter

CONSTRUCTION FEATURES

Dimensions	130x90x40mm (W/H/D)
Material Box	ABS plastic
Type of mounting	Surface
Degree of protection	IP67

CERTIFICATES AND DECLARATIONS

Rules	EN 61000-6-2:2019 EN 61000-6-3:2007 + A1:2011
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Product compliant RoHS compliant (2011/65/EU)