

TELECONTA-H20



Moralejo Técnica S.L

moralejo@moralejotecnica.com

<https://moralejotecnica.com/>

Moralejo
TÉCNICA S.L.

This device measures the flow of water that passes through a Woltman-type or Wai-type meter equipped with a pulse emitter, totals the cubic meters and also provides us with the instantaneous flow rate.

It consists of two parts:

The water meter with its pulse transmitter and the electronic device that interprets this value and sends it to the internet.

The user receives in the mIOTec application on his smartphone the flow value in l/s and the counter value in m³.

General

- Configurable sampling time (default: 30 min.)
- Does not require recalibration or maintenance.
- Commissioning, easy and fast.

Applications

- Monitor water flow rates in a pipe.
- Program alarms according to the quantity of metered water.
- Obtain process history.
- Detects pipeline obstructions.
- Allows to detect water leaks

Electrical characteristics

- Electrical power supply: 2 serial batteries Li-socl₂.
- Tension: 7,20 Volts.
- Capacity: 7.700 mAh.
- Consumption :
 - < 70mA Active.
 - < 25uA Idle.

Equipment measurement

- Use a Reed type pulse counter.
- Measurement range: 0 to 9999999 m³.
- Accuracy: 1m³.

Wireless communications

- You can use any of the following platforms:
 - Sigfox 868 MHz.
 - Lora 868 MHz.
 - 2G/3G with SIM card.
- The antenna is external with gain -3 dB.

work environment

- Temperature: -30°C to +80°C.
- Humidity: 10% to 90% RH.

Wired communications

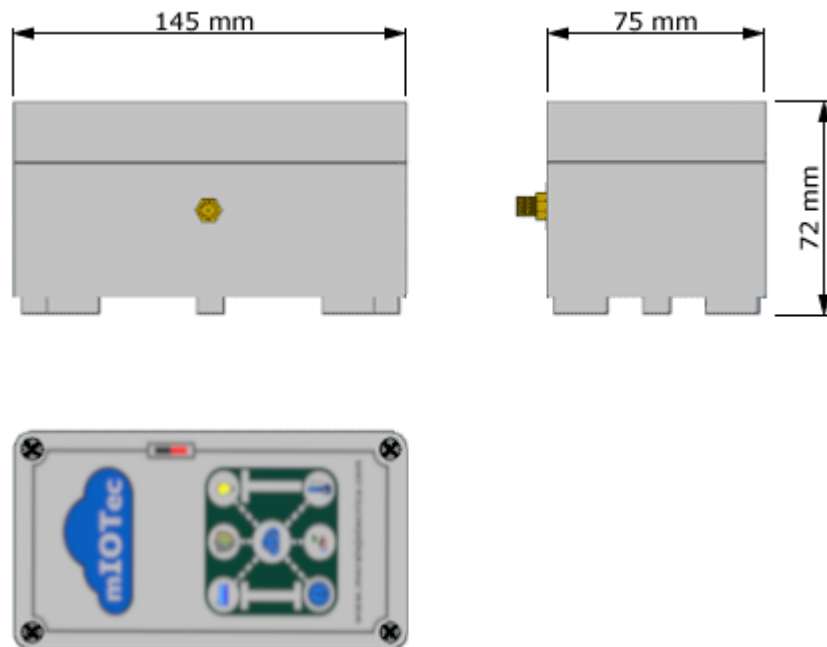
- RS-485 port.
- RS-232 port.

Connectivities



- Our devices are available with different connectivity technologies.
- Choose the one that best suits your needs or let us advise you.
- Sigfox communications.
- LoRa communications.
- 2G/3G, SIM card .
- NB-IOT.

Physical properties of the box



Protection index	IP-67
Height	72 mm
Width	145 mm
Depth	75 mm
Weight	600 gr



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C/Vertical VI-Nº2

37188-Carbajosa de la sagrada

Tlf: (+34) 923 19 77 89

<https://www.moralejotecnica.com>

moralejo@moralejotecnica.com.com