

# *Valvematic*



Moralejo Técnica S.L

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**Moralejo**  
TÉCNICA S.L.

This device allows the management of 2 to 4 solenoid valves or supply pumps or other elements remotely, from the mIOTec application on your smartphone.

In addition, it can monitor the pressure that will indicate whether the element that is the object of the action has executed the maneuver or not.

## General

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

## Applications

- Scheduled opening-closing of irrigation valves.
- Start - stop pumping.
- Start-stop of ventilation equipment.
- Monitoring of analog pressure value.

## Electrical characteristics

- Electrical power supply: 2 serial batteries Li-socl2.
- Tension: 7,20 Volts.
- Capacity: 14400 mAh.
- Consumption :
  - < 150mA Active.
  - < 25uA Idle.

## Equipment measurement

- Use a pressure transducer..
- Measurement range: 0 bars to 10 bars.
- Accuracy: 0.1 bars.

## Wireless communications

- 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

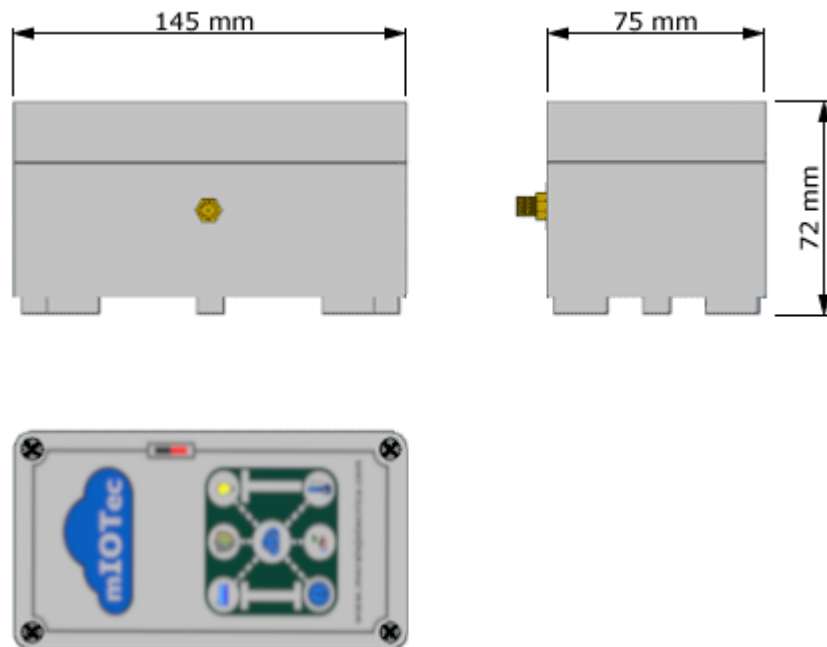
- RS-485 port.
- RS-232 port.

## 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



<b>Protection index</b>	<b>IP-67</b>
<b>Height</b>	<b>72 mm</b>
<b>Width</b>	<b>145 mm</b>
<b>Depth</b>	<b>75 mm</b>
<b>Weight</b>	<b>600 gr</b>



**Moralejo Técnica S.L.**

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