

# JOJO MONITOR Water Meter



The easy, reliable way to monitor your water via your phone.

- ✓ View current and historic water usage and flow rates
- ✓ Measure water consumption over a given period
- ✓ Detect possible leaks and abnormal water flow
- ✓ Set up alerts and notifications for effortless remote monitoring

# JOJO MONITOR Water Meter



Monitor device

+



Water meter

## Connectivity options



### Sigfox

(Remote monitoring of your device)

- To access current and historic data.
- To view and compare water usage and flow rates over given periods.
- To detect possible leaks and abnormal water flow.
- To configure alerts and notifications.



### Bluetooth

(Within close proximity to your device)

- For initial activation and testing.
- For live readings or real-time monitoring.

## What is needed to set up Remote Monitoring?

1



Scan this QR code to check if you have Sigfox coverage

2

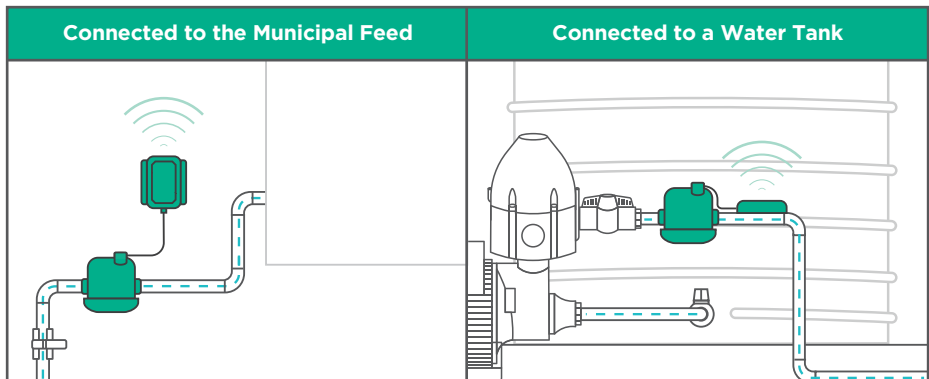
Activate your **FREE 12-month** Remote Monitoring subscription via the **JoJo Monitor App**

After the first year, the subscription must be renewed annually to maintain Remote Monitoring integration and capabilities. If not renewed, you will still have access to historical data and Bluetooth connectivity.

## Ideal orientation

The water meter can be installed horizontally, vertically or at an angle without loss of accuracy.

## Location recommendations



# WHAT'S IN THE BOX?

**1. Monitor device pre-fitted with:**

**A** Water meter

**B** 3x 3.6V lithium AA batteries

**C** 2x pieces of double sided tape

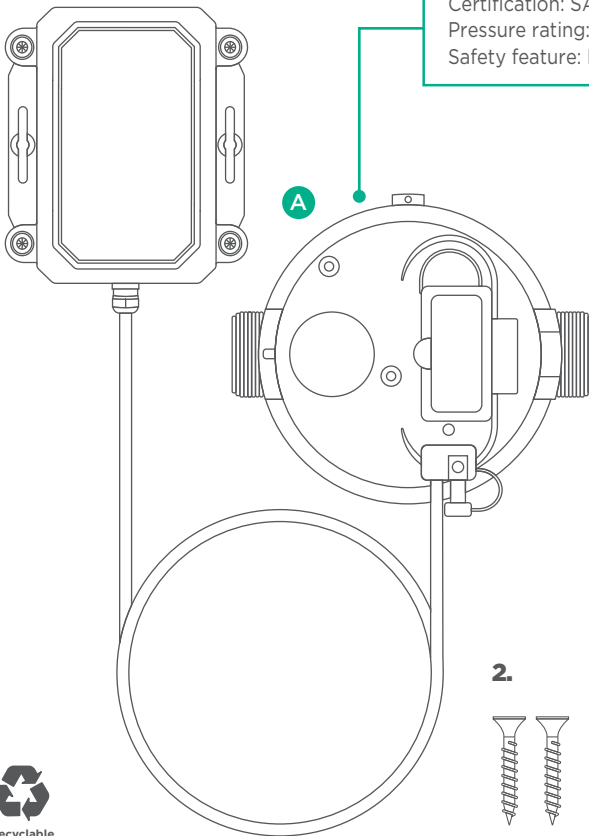
**2. 2x self-tapping screws**

**3. 2x cable ties**

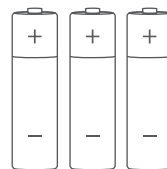
**Meter specifications**

Certification: SANS 1529-1:2006  
Pressure rating: 16 bar  
Safety feature: Built-in non-return valve

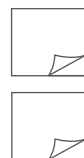
**1.**



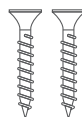
**B**



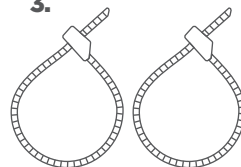
**C**



**2.**



**3.**



## APPLICATION

The JoJo Monitor Water Meter is a reliable and convenient way to monitor your water remotely. Connected to your water supply line, it measures the volume of water that passes through the meter as well as the flow rate and sends the data to the JoJo Monitor App on your cell phone.

# IMPORTANT INFORMATION

To ensure proper device operation and communication please take note of the following:

## Measurable liquid and flow rate

✓	This device is suited for clean water use only, i.e. water containing no debris or sediment.								
✓	The measurable range of the water meter is between a flow rate of 0.1 lt/min to 52.08 lt/min.								
✓	<p>The measurement accuracy of the water meter varies depending on the flow rate:</p> <table><thead><tr><th>Flow Rate</th><th>Error Rate</th></tr></thead><tbody><tr><td>0.1 to 0.26 lt/min</td><td>±10 to 5%</td></tr><tr><td>0.26 to 0.42 lt/min</td><td>±5 to 2%</td></tr><tr><td>0.42 to 52.08 lt/min</td><td>±2%</td></tr></tbody></table>	Flow Rate	Error Rate	0.1 to 0.26 lt/min	±10 to 5%	0.26 to 0.42 lt/min	±5 to 2%	0.42 to 52.08 lt/min	±2%
Flow Rate	Error Rate								
0.1 to 0.26 lt/min	±10 to 5%								
0.26 to 0.42 lt/min	±5 to 2%								
0.42 to 52.08 lt/min	±2%								
✓	If the flow rate exceeds 41.67 lt/min, a pressure loss of up to 0.6 to 1 bar may occur.								
✓	Water can only be measured accurately in the correct flow direction. Reverse flow will result in a mismatch between the reading of the meter and the value reported by the monitoring device.								

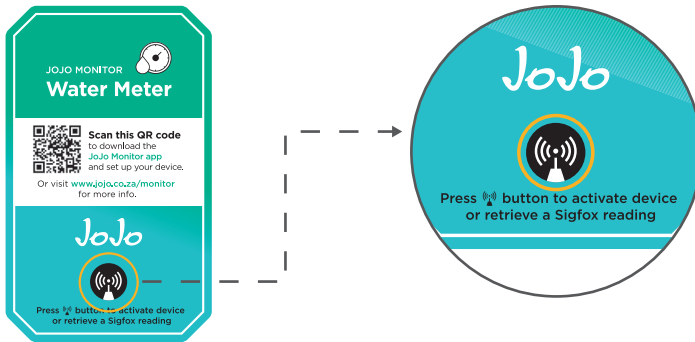
## Operational temperature

✓	The operational temperature range of the monitor device is between -20°C and 65°C. It is advised to protect the device from excessive heat by mounting it in a shaded location.
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## Placement of the monitor device for optimal signal

✓	Remote monitoring signal coverage is hampered when installed indoors, underground, or within a basement of a building and, as a result, limits communication between the device and network.
✓	Never place the device inside metal or concrete containers, enclosures or confined spaces.
✓	Do not fully enclose or submerge the device as this will have an impact on its performance and accuracy. Prolonged exposure to water may cause damage and lead to device failure. <b>Note: Submerging the device will void the warranty.</b>

## DEVICE BUTTON FUNCTIONALITY



### Activate the device

During setup within the JoJo Monitor App you will be prompted to activate your device and link it to your account.

**To do this, press the button on your device once.** Upon release you will hear 4 long beeps followed by 1 short beep to confirm that it has been activated. If you only hear 1 beep, the device is already activated and ready for use.

### Put the device in test mode

We recommend using test mode while installing your device to ensure proper functionality.

#### Enter test mode

**Press and hold the button for 4 seconds,** you will hear a beep for each second you hold down the button. After the 4th beep release the button.

Upon release you will hear 2 long beeps to confirm that the device has successfully entered test mode. If you do not hear the 2 long beeps after releasing the button, please restart the process.

#### Test your sensor

While in test mode, ensure the sensor detects water flow. If installed correctly, the unit will emit periodic beeps every few seconds. The beep rate will vary based on the flow rate.

#### Exit test mode

**Press the button once.** If the button is not pressed the device will remain in test mode for 10 minutes, after which test mode will automatically conclude.

For more detailed information on the various button functions please refer to the FAQ section on our website at [www.jojo.co.za](http://www.jojo.co.za).

## PRE-INSTALLATION

**Important:** Before installing the device, please download the JoJo Monitor app and follow the prompts to create your account and link your device. This requires you to activate your device, and enter your device specific serial number which is on the back of your device.



### Scan the relevant QR code

to download the JoJo Monitor app and set up your device.



App Store



Google Play



App Gallery

## INSTALLATION

- 01** Refer to the location recommendations provided to find the best place to install your Water Meter based on your application.
- 02** Shut off the water supply and open a tap until all the pressure in the supply line is released, then close the tap.
- 03** Ensure the incoming pipeline is clear of any debris.
- 04** Take note of the direction of flow indicated by the arrow on the body of the water meter (A), and connect it to your plumbing using the appropriate fittings. **Note:** We recommend using thread tape on connections where necessary.
- 05** Once connected, open a tap in your house before slowly opening the water supply to release any trapped air and prevent water hammer. Once all air is expelled, close the tap in the house and check all connections for leaks.
- 06** After the water meter (A) is installed, we recommend that you put your device in test mode to ensure it is installed correctly. Refer to the button functionality section on this sleeve for more detail on how to enter test mode.
- 07** Secure the monitor device (1) in place with either the 2 self-tapping screws (2), the cable ties (3) or the double-sided tape attached to the back (C).

**Important:** Mount the monitor device in a location where it won't be submerged in water or buried underground. Prolonged exposure to water may cause damage and lead to device failure. **Note:** Submerging the device will void the warranty.

# 1-Year quality warranty

JoJo IoT Devices purchased from an approved JoJo retail outlet and/or distributor carry a 1-year warranty from the date of purchase. In order to maintain your warranty, always ensure you install, operate and maintain the device as per the instructions provided.

Detailed T's and C's, as well as return policies and procedures are available on our website at [www.jojo.co.za](http://www.jojo.co.za).

1  
YEAR  
WARRANTY

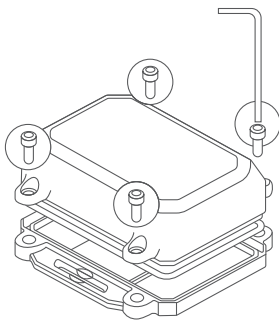
## Device battery status

Your device battery status will be visible on your device dashboard at all times and is indicated as follows:

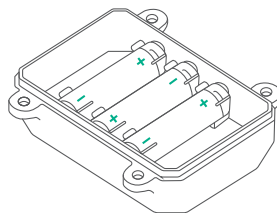


## REPLACING BATTERIES

- 01** Use a 3mm hex Allen key to remove the four screws in the corners of the monitor device.



- 02** Remove the back cover and replace the batteries as per the orientation indicated.  
**Note:** It is advised to only use 3.6V lithium AA batteries, and avoid mixing old and new batteries.



- 03** Close the cover, place the four screws back in place and firmly secure them with the Allen key.