

Flowie O Water Flow Sensor

with Pulse Cable Installation



Flowie O requires a Sensor Relay communication hub to connect to the AlertAQ™ platform. Ensure you have a Sensor Relay installed nearby with a green LED.



Important!

Please read important information about [compatibility, accessories and calibration](#) before installing.

1

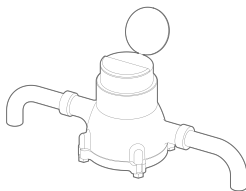
Add sensor and see install instructions at: alertaq.com/addsensor

As compound water meters consist of two water meter heads (high and low-side), you will need 2 Flowie O water flow sensors. If you have purchased Professional Services to pre-register your sensor, skip to step 2.

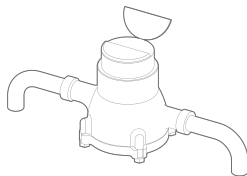
2

Ensure you have the correct cable

Check to see which type of meter you have. A Sensus Omni with a half lid will require a wall-powered pulse cable, while a full lid Sensus Omni needs a wall-powered cable. Contact [support](#) if you have neither.



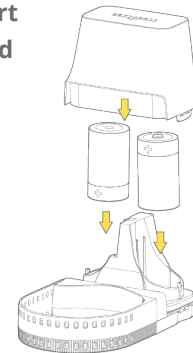
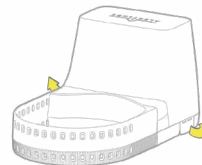
Full lid - Regular Cable



Half lid - Wall-Powered Cable

3

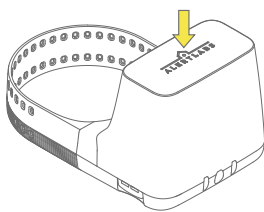
Open the Flowie O, insert the 2 D cell batteries and close the housing



4

Confirm the LED is green

See [troubleshooting](#) if it is not.

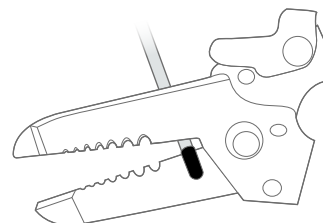


- GREEN - Connected
- RED - No Signal
- YELLOW - Low Battery
- MAGENTA - Upgrading

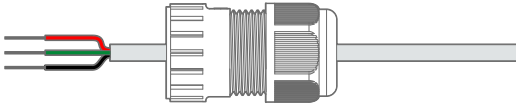
5

Find the white pulse output

On the OMNI™ meter, the pulse output cable is typically ~25 ft. long and is attached to the register.

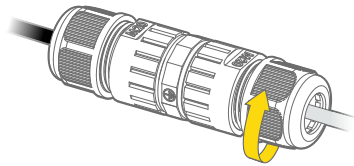


- 6 Push the pulse output cable through the Flowie O Pulse Cable connector**
Push the exposed end of the white pulse output cable through the rubber seal towards the internal threads.

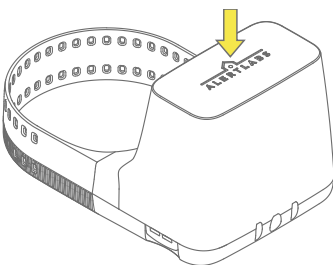


- 8 Verify that each wire is secured in the terminal**
Tug on each wire to make sure it is secured by the lever.

- 9 Thread the connector closed**
Thread the inner part tightly closed.

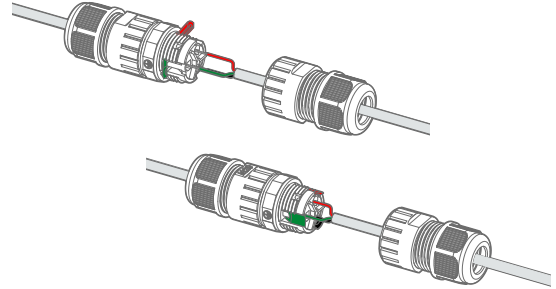


- 11 Check the LED**
It should blink white for 3 seconds, meaning you're ready to proceed. If a blue light appears, or no light at all, unplug the cable for 10 seconds and try again. If the issue persists, contact support@alertlabs.com

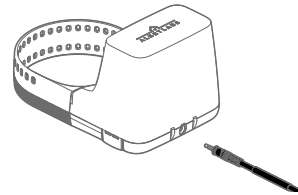


- 7 Strip the white insulation of the pulse output cable to expose the red, green, and black wires inside**

Within the pulse output cable there are three smaller wires. Carefully, strip the white insulation so that you can see 1 inch of the 3 individual wires. After stripping the insulation of the pulse output cable, make sure that there are no cuts in the insulation of the red, green, and black wires.

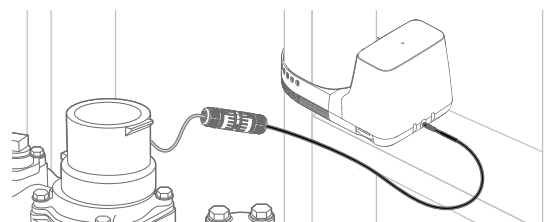


- 10 Insert the pulse cable into Flowie O**
Remove the rubber plug covering the jack on Flowie O. Insert the pulse cable into the jack. Make sure that the pulse cable is inserted as far as possible in order to create a waterproof seal.



- 12 Secure the Flowie O**
Use the strap to secure Flowie O in place. The Flowie O should be in a location where it won't be moved and the cable won't be at risk of being disconnected. If Flowie O is installed in a pit, it should be secured as high as possible to maximize the communication strength to the Sensor Relay and avoid being submerged.

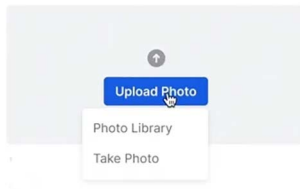
Note: If there is a power supply on your cable, plug the power supply into a nearby outlet.



13 Upload a photo of the installation to the sensor details page in AlertAQ™

To get to the details section of the sensor, select the name of the sensor from the [Sensors page](#). [See help article](#).

If your sensors were not pre-registered, update the sensor name based on its installation.



14 Begin calibration of the device

In order for your Flowie O to provide accurate data, you must calibrate the device.

Visit the [calibration](#) page to learn more.

⚠ Important! Do not skip this step.