



## G1&8" Water Flow Sensor

SKU 314150001 [f](#) [t](#) [G+](#) [p](#) [r](#)

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Description

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### Description

Water flow sensor consists of a plastic valve body, a water rotor, and a hall-effect sensor. When water flows through the rotor, rotor rolls. Its speed changes with different rate of flow. The hall-effect sensor outputs the corresponding pulse signal. This one is suitable to detect flow in water dispenser or coffee machine. We have a comprehensive line of water flow sensors in different diameters. Check them out to find the one that meets your need most.

#### Features

- Compact, Easy to Install
- High Sealing Performance
- High Quality Hall Effect Sensor
- RoHS Compliant

#### Specifications

- Mini. Working Voltage: DC 4.5V
- Max. Working Current: 15mA (DC 5V)
- Working Voltage: DC 5V~24V
- Flow Rate Range: 0.3~6L/min
- Load Capacity: ≤10mA (DC 5V)
- Operating Temperature: ≤80°C
- Liquid Temperature: ≤120°C
- Operating Humidity: 35%~90%RH
- Water Pressure: ≤2.0MPa
- Storage Temperature: -25~+ 80°C
- Storage Humidity: 25%~95%RH

#### Documentations

- [Wiki Page](#)
- [Mechanic Dimensions](#)
- [British Standard Pipe \(BSP\)](#)
- [Water Flow rate display on LCD](#)
- [How Magnetic Reed Liquid Level Sensors Work](#)
- [Reading Water Flow rate with Water Flow Sensor](#)

### Best-sellers



G1&4" Water Flow Sensor



G1&2" Water Flow Sensor



G3&4" Water Flow Sensor



Grove - Moisture Sensor

### Technical Details

W 30g

Battery	Exclude
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## Questions and Answers

Have a question about this? Ask people who own it.

0

what is the equation and formula for this sensor?

onlysaad90 on Apr 12,2017

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Please refer to wiki of the product for more details.  
[http://wiki.seeedstudio.com/wiki/G1/8%22\\_Water\\_Flow\\_SensorThanks](http://wiki.seeedstudio.com/wiki/G1/8%22_Water_Flow_SensorThanks).

ae on Apr 14,2017 10:40 AM

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