

INDUSTRIAL PRODUCT DATASHEET

G1&2" Water Flow Sensor - YF-S201

G1&2" Water Flow Sensor - YF-S201 for pulse-output flow monitoring in water dispensers and coffee machines.

SKU

314150005

UPDATED

2026-06-08 01:03:06

PRICE

\$9.50(Excl. VAT)



Overview



The G1&2" Water Flow Sensor - YF-S201 uses a plastic valve body, water rotor, and Hall-effect sensor to output pulses proportional to flow rate. It is designed for flow detection in water dispensers and coffee machines, offering compact installation and high sealing performance.

Key Features

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: 1~30L/min
- Load Capacity: $\leq 10\text{mA}$ (DC 5V)
- Operating Temperature: $\leq 80^{\circ}\text{C}$
- Liquid Temperature: $\leq 120^{\circ}\text{C}$
- Operating Humidity: 35%~90%RH
- Water Pressure: $\leq 1.75\text{MPa}$
- Storage Temperature: $-25^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Storage Humidity: 25%~95%RH

Documents

- Mechanic Dimensions(Coming soon)
- [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](#)

Product Gallery



Specification

Type	Dimensions(DN)	Working Voltage	Flow Rate Range
YF-B1	DN15	5V~15V(DC)	1~25L/min
YF-B2	DN15	5V~15V(DC)	1~25L/min

YF-B3	DN15	5V~15V(DC)	1~25L/min
YF-B4	DN15	5V~15V(DC)	1~25L/min
YF-B5	DN20	5V~15V(DC)	1~30L/min
YF-B6	DN20	5V~15V(DC)	1~30L/min
YF-B7	DN15	5V~15V(DC)	1~25L/min
G1&2	DN15	5V~24V(DC)	1~30L/min
G3&4	DN20	5V~24V(DC)	1~60L/min

G1&2	DN15	5V~24V(DC)	1~30L/min
G1&8	-	5V~24V(DC)	0.3~6L/min
M11*1.25	-	5V~24V(DC)	0.3~6L/min

Part List

G1&2" Water Flow Sensor	1
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Compliance & Logistics



HSCODE	9026100000
USHSCODE	9026102080
UPC	841454116097
EUHSCODE	9013101000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/G1-2-Water-Flow-Sensor-p-635.html>
- [Water flow sensor datasheet.pdf](#)
- [Reading Water Flow rate with Water Flow Sensor](#)
- [Water Flow rate display on LCD](#)
- [datasheet for the material](#)
- [CE,RoHS Certification.zip](#)

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676

Web: www.seeed.cc

Shop: www.seeedstudio.com