seeed studio

INDUSTRIAL PRODUCT DATASHEET

G1" Water Flow Sensor

Compact G1" water flow sensor with hall-effect output and 2-100L/min range, suitable for water dispensers and coffee machines.

SKU	UPDATED	PRICE
314150000	2024-08-09 02:07:54	$15.90(Excl. VAT)



Overview



The G1" Water Flow Sensor comprises a plastic valve body, water rotor, and hall-effect sensor that outputs a pulse signal corresponding to flow rate. It is designed for flow detection in water dispensers or coffee machines, offering compact, easy-install design with high sealing performance and RoHS compliance.

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.

Features

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

Specifications

- Mini. Wokring Voltage: DC 4.5V
- Max. Working Current: 15mA (DC 5V)
- Working Voltage: DC 5V~24V
- Flow Rate Range: 2~100L/min
- Load Capacity: ≤10mA (DC 5V)
- Operating Temperature: ≤80℃
- Liquid Temperature: ≤120℃
- Operating Humidity: 35%～90%RH
- Water Pressure: ≤1.75MPa

- Storage Temperature: -25～+ 80℃

- Storage Humidity: 25%～95%RH

Documents

- 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

Product Gallery







Part List

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Compliance & Logistics

HSCODE	9026100000
ROHS	1

Resource Links

- https://www.seeedstudio.com/G1-Water-Flow-Sensor-p-1671.html
- Reading Water Flow rate with Water Flow Sensor
- Water Flow rate display on LCD
- datasheet for the material
- CE,RoHS Certification.zip

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