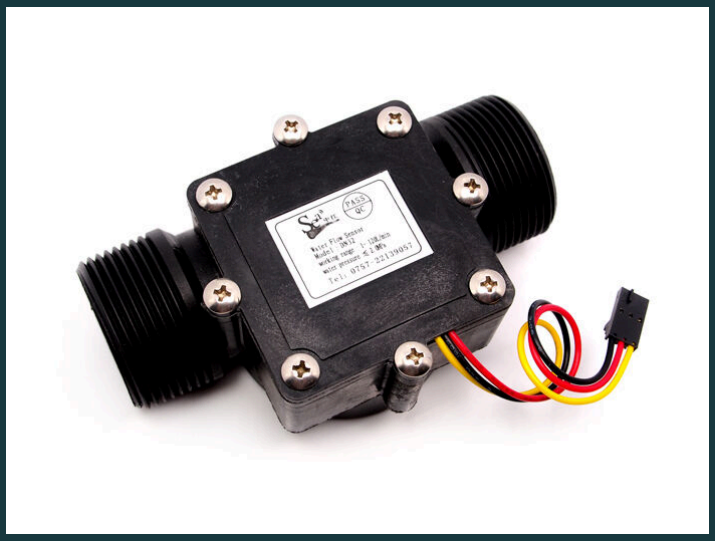
seeed studio

INDUSTRIAL PRODUCT DATASHEET

G5&4" Water Flow Sensor

Compact, easy-to-install water flow sensor for precise flow detection in water dispensers and coffee machines.

SKU	UPDATED	PRICE
314150004	2024-08-09 02:15:06	$29.50(Excl. VAT)



Overview



The G5&4" Water Flow Sensor uses a plastic valve body, water rotor, and hall-effect sensor to output pulse signals corresponding to flow rate. It is ideal for detecting flow in water dispensers or coffee machines, featuring 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

- Dimension: 120*55*51mm(thickness), DN32(Outside: 42.4mm, inside:32mm)
- Mini. Wokring Voltage: DC 4.5V
- Max. Working Current: 15mA (DC 5V)
- Working Voltage: DC 5V~24V
- Flow Rate Range: 0~120L/min
- Load Capacity: ≤10mA (DC 5V)
- Operating Temperature: ≤80℃
- Liquid Temperature: ≤120℃

- Operating Humidity: 35%～90%RH
-
- Water Pressure: ≤2.0MPa
-
- Storage Temperature: -25～+ 80℃
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- Storage Humidity: 25%～95%RH
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Documentations

-
  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

Part List

G5&4" Water Flow Sensor	1

Compliance & Logistics

HSCODE	9026100000
ROHS	1

Resource Links

- https://www.seeedstudio.com/G5-4-Water-Flow-Sensor-p-1082.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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