

Stainless Steel Water Flow Switch Sensor



Description:

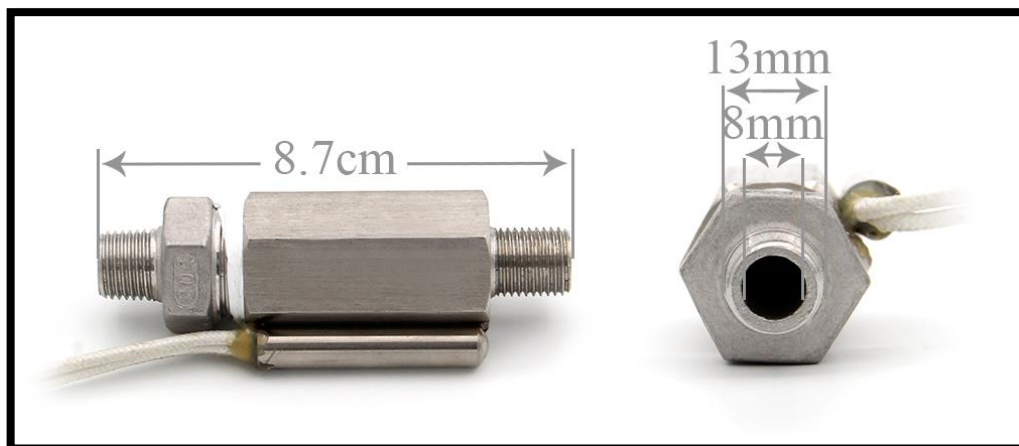
Magnetic Water Flow Switch adopts a Magnetic Reed Switch and a movable magnet which is fixed inside the water pipe. When water flows in the pipe, the magnet will detect the water flow and make the reed switch close or open. Widely used in water industrial field, such as green air condition system water heater ETC.

Features:

- No standby power requirement
- Simple installation and adjustment
- Self-Clean Function

Specifications:

- Suitable Ambient Temperature: $\geq 1^{\circ}\text{C}$
- Suitable Working Temperature: $\leq 100^{\circ}\text{C}$
- Minimum Starting Flow: $\geq 0.75\text{L/min}$
- Maximum Passing Flow: $\leq 5\text{L/min}$
- Rated Working Pressure: $\leq 0.65\text{Mpa}$
- Housing Maximum Pressure: $\leq 1.5\text{Mpa}$
- Inlet Thread: Outer
- Outlet Thread: Outer
- Diameter: 1/2"
- Install: vertical horizon
- Current: 0.5A
- Material: SUS304
- Appearance Size: long X diameter=65mmX Φ 26mm



Working Principle:

When the water flow in the pipeline is greater than 0.75L/min flow, the magnetic core generates displacement under the action of water flow and drives the magnetic source to generate magnetic control. The function makes the sensor output "1" switch signal, which is input to the equipment control system, and realizes the purpose of water flow control after power amplification and amplification. When the water flow in the pipeline is less than 0.75L/min flow, the core is reset. Under the action of spring thrust, the magnetic source is returned, so that the sensor outputs "0" switching signal to stop the system. The flow switch has the advantages of high sensitivity, strong durability, etc.

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