Water Flow Sensor 1-30L/min Flowmeter

The water flow sensor is mainly composed of a plastic valve body, a water flow rotor assembly and a Hall sensor.

It is installed at the water inlet of the water heater and is used to detect the influent flow when the water passes through the rotor assembly.

The magnetic rotor rotates and the rotation speed changes with the flow rate, and the Hall sensor outputs corresponding pulses

The signal is fed back to the controller, and the controller judges the size of the water flow for regulation.

Use cautions:

Severe impact and chemical attack are strictly prohibited.
Do not throw or bump.
Vertical installation, the inclination does not exceed 5°.
The medium temperature should not exceed 120℃

1、Red IN to positive

2、Yellow OUT signal output line

3、Black GND to negative

Interface mode: 2 heads and 4 extra teeth 20mm, G1/2, one quick connector

Connection mode: Red positive, black negative, yellow signal output

Working water pressure: less than 1.75MPA

Operating voltage: 3-24V

Weight: 50 g

Operating current: less than 15mA

1, the lowest rated operating voltage	DC4.5 5V-24V
2, the maximum operating current	15 mA（DC 5V）
3, operating voltage range	DC 5～18 V
4, load capacity	≤10 mA（DC 5V）
5, the use of temperature range	≤80℃
6, the use of humidity range	35% to 90% RH (Frost free condition)
7, allow pressure	Water pressure below 1.75Mpa
8, save the temperature	-25～+ 80℃
9, save the humidity	25%～95%RH
Application scope:	Applicable to water heaters, credit card machines, automatic water dispensers, and other flow metering equipment!



