

Water Flow Sensor YF-B1

SKU 114991171



Description

Water flow sensor consists of a copper 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.

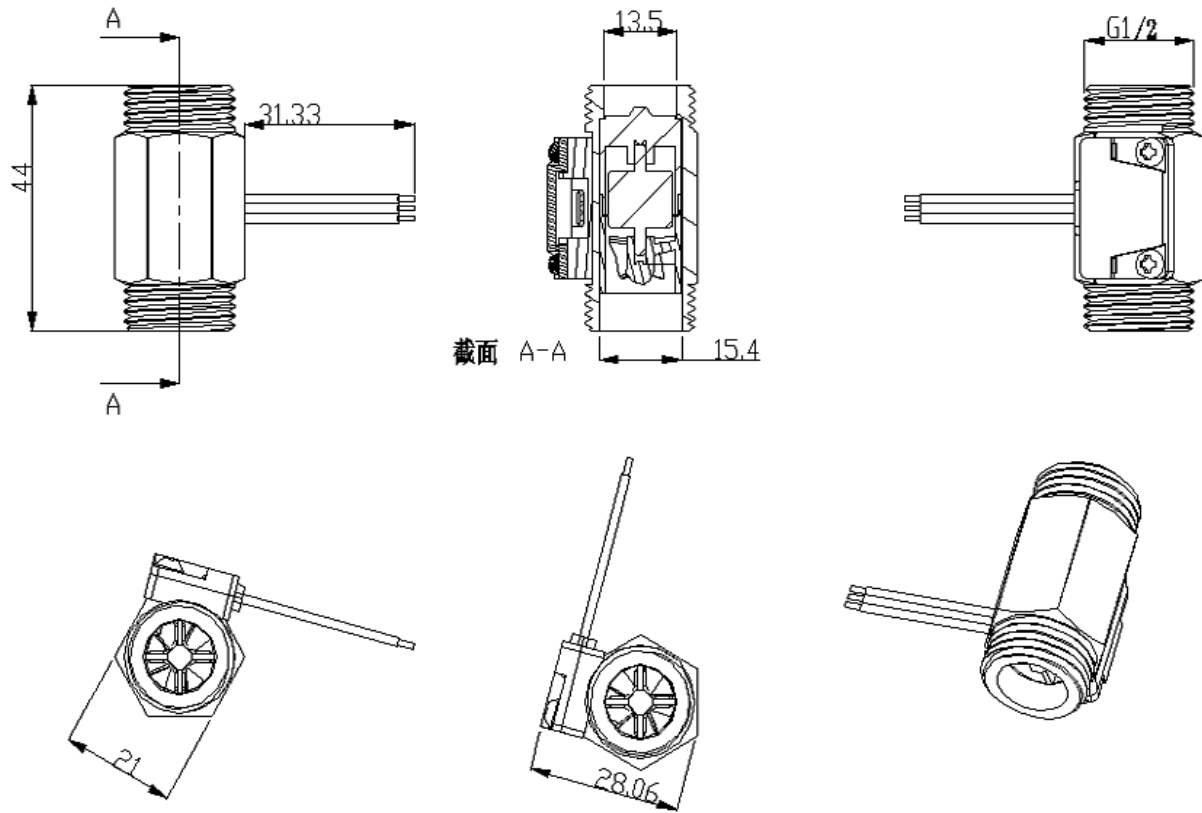
Life is longer than plastic body.

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~15V
- Flow Rate Range: 1~25L/min
- Frequency: $F=11*Q$ ($Q=L/\text{MIN}$)
- 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



Part List

1 x YF-B1 water flow sensor

Technical Details

Weight G.W 78.5g

Battery Exclude