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/MIN)
• Load Capacity: ≤10mA (DC 5V)
• Operating Temperature: ≤80°C
• Liquid Temperature: ≤120°C
• Operating Humidity: 35%～90%RH
• Water Pressure: ≤1.75MPa
• Storage Temperature: -25～+ 80°C
• Storage Humidity: 25%～95%RH
Part List

1 x YF-B1 water flow sensor

Technical Details
Weight G.W 78.5g
Battery Exclude