

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.

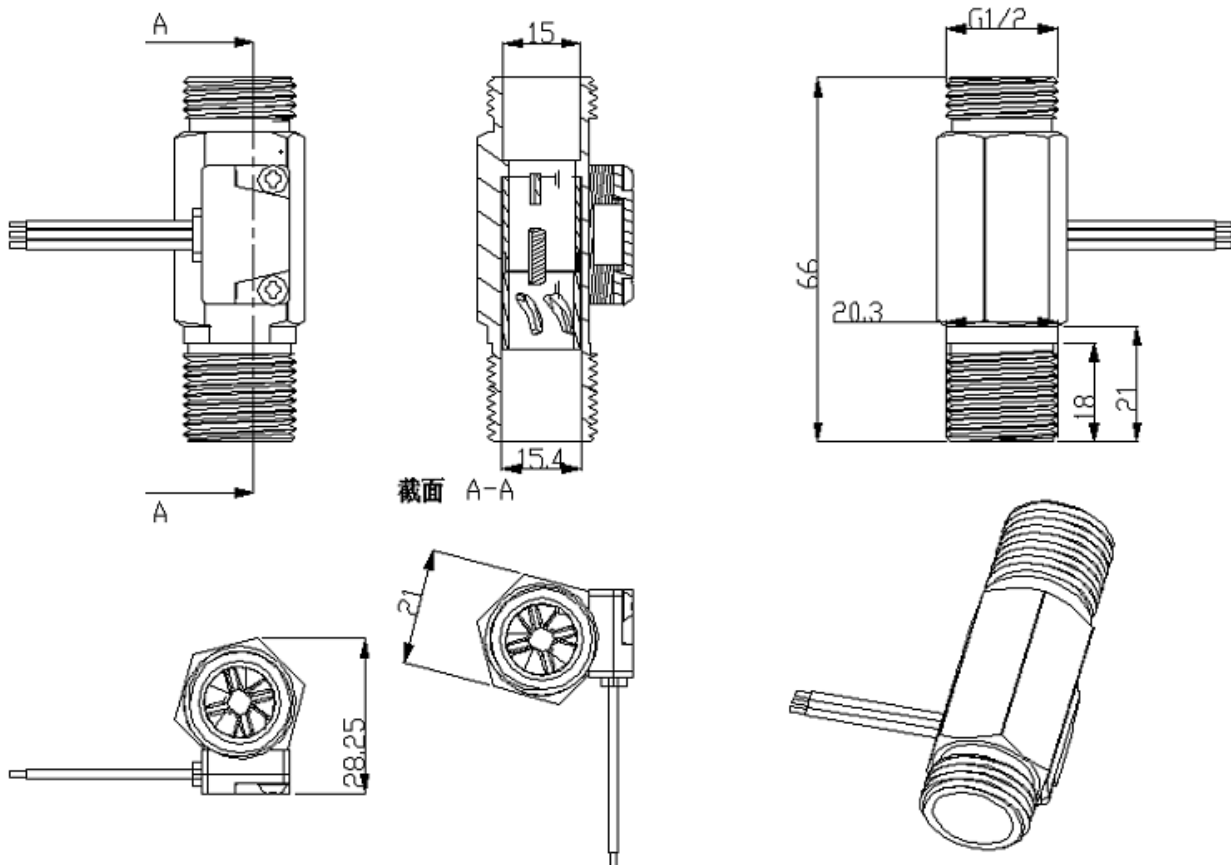
Life is longer than plastic body.

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: $\leq 10mA$ (DC 5V)
- Operating Temperature: $\leq 80^{\circ}C$
- Liquid Temperature: $\leq 120^{\circ}C$
- Operating Humidity: 35%~90%RH
- Water Pressure: $\leq 1.75MPa$
- Storage Temperature: $-25\sim+80^{\circ}C$
- Storage Humidity: 25%~95%RH



Part List

1 x YF-B3 water flow sensor

Technical details

Dimensions	0mm x0mm x0mm
Weight	G.W 99g
Battery	Exclude
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	$\leq 10mA$ (DC 5V)
Operating Temperature	$\leq 80^{\circ}C$
Liquid Temperature	$\leq 120^{\circ}C$
Operating Humidity	35%~90%RH
Water Pressure	$\leq 1.75MPa$
Storage Temperature	-25~+ 80 $^{\circ}C$
Storage Humidity	25%~95%RH

Part List

Water Flow Sensor YF-B3	1
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ECCN/HTS

HSCODE	9026100000
USHSCODE	9026106000