

Water Flow Sensor YF-B4

SKU 114991174



It 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.

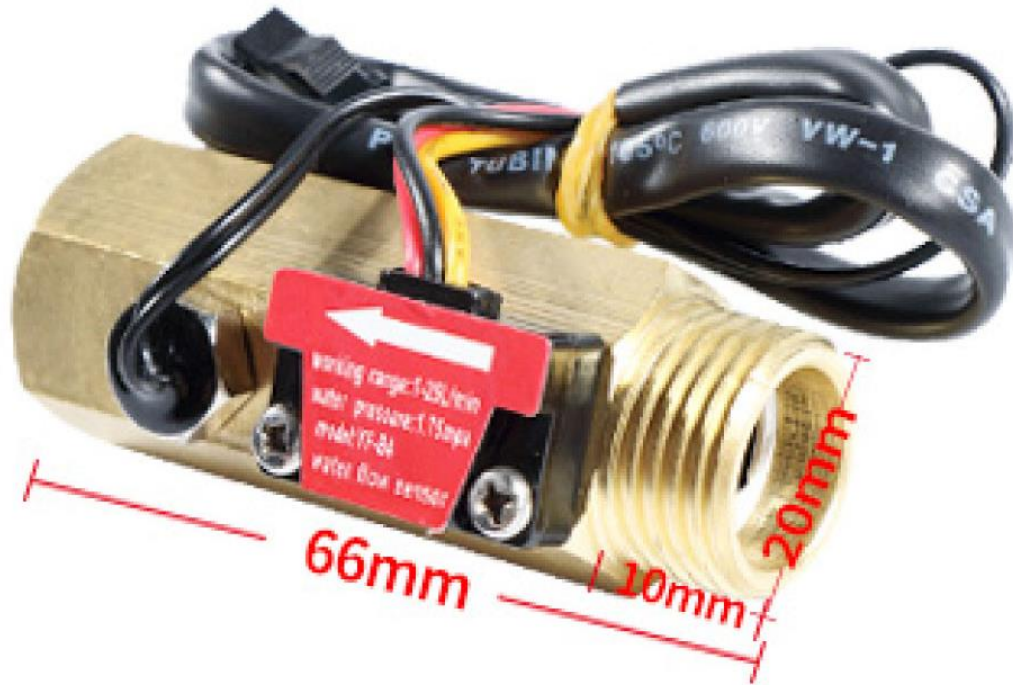
Water flow sensor consists of a copper body, a water rotor, and a hall-effect sensor. When water flows through the rotor, rotor rolls. Its speed changes with different rate of flow. The hall-effect sensor outputs the corresponding pulse signal. This one is suitable to detect flow in water dispenser or coffee machine.

Life is longer than plastic body.

Features

- Compact, Easy to Install
- High Sealing Performance
- High Quality Hall Effect Sensor
- RoHS Compliant

DN15 inlet thread on the outside,
outlet thread on the inside with temperature probe



Part List

Water Flow Sensor YF-B4	1
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ECCN/HTS

HSCODE	9026100000
USHSCODE	9026106000

Technical details

Dimensions	0mm x0mm x0mm
Weight	G.W 144g
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	$F=(11*Q)Q=L/MIN\pm 3\%$
Load Capacity	$\leq 10\text{mA}$ (DC 5V)
Operating Temperature	0 ~ 80°C
Liquid Temperature	$\leq 120^\circ\text{C}$
Operating Humidity	35%~90%RH
Water Pressure	$\leq 1.75\text{MPa}$

Storage Temperature	-25~+ 80°C
Storage Humidity	25%~95%RH
Interface Dimensions	G1/2Inch
Error Range	(1~30L\MIN) ±3%
Material Description	H57Copper+POM
Output Pulse High Level	>DC 4.7V (Input Voltage DC5V)
Output Pulse Low Level	<DC 0.5V (Input Voltage DC5V)
Output Pulse Duty Cycle	50%±10%

