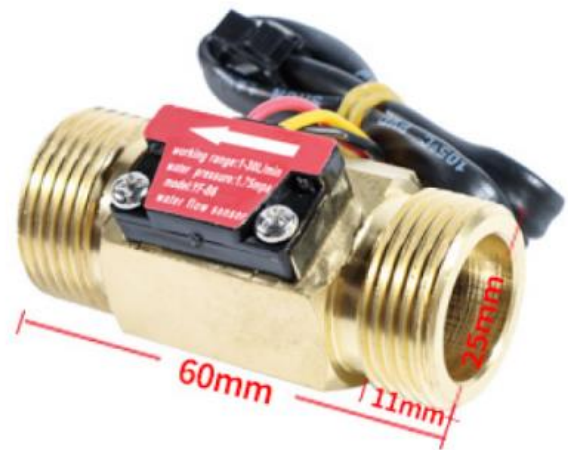


Water Flow Sensor YF-B6

SKU 114991176

DN20 inlet thread on the outside,
outlet thread on the inside



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

Technical Details

Dimensions	0mm x0mm x0mm
Weight	G.W 152g
Battery	Exclude
Mini. Working Voltage	DC 4.5V
Max. Working Current	15mA (DC 5V)
Working Voltage	DC 5V~15V
Flow Rate Range	1~30L/min
Frequency	$F=(6.6*Q)$ $Q=L/MIN\pm3\%$
Load Capacity	$\leq 10mA$ (DC 5V)
Operating Temperature	0 ~ 80°C
Liquid Temperature	$\leq 120^{\circ}C$
Operating Humidity	35% ~ 90%RH
Water Pressure	$\leq 1.75MPa$
Storage Temperature	25 ~ + 80°C
Storage Humidity	25% ~ 95%RH
Interface Dimensions	G3/4Inch
Error Range	$(1\sim 25L\backslash MIN) \pm 3\%$
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%

ECCN/HTS

HSCODE	9026100000
USHSCODE	9026104000
EUHSCODE	9013101000
COO	CHINA

CE	1
EU DoC	1
RoHS	1

Part List

1 x YF-B6 Water Flow Sensor

Type	Dimensions (DN)	Working Voltage	Flow Rate Range	Length	Male & Female	Length of Thread	Material
YF-B1	DN15	5V~15V(DC)	1~25L/min	44mm	Double Male	10mm	Copper
YF-B2	DN15	5V~15V(DC)	1~25L/min	50mm	Male in Female out	10mm	Copper
YF-B3	DN15	5V~15V(DC)	1~25L/min	66mm	Double Male	18mm	Copper
YF-B4	DN15	5V~15V(DC)	1~25L/min	66mm	Male in Female out	10mm	Copper
YF-B5	DN20	5V~15V(DC)	1~30L/min	50mm	Double Male	10mm	Copper
YF-B6	DN20	5V~15V(DC)	1~30L/min	60mm	Double Male	11mm	Copper
YF-B7	DN15	5V~15V(DC)	1~25L/min	66mm	Double Male	10mm	Copper
G1&2	DN15	5V~24V(DC)	1~30L/min		Double Male		Plastic
G3&4	DN20	5V~24V(DC)	1~60L/min		Double Male		Plastic
G1&2	DN15	5V~24V(DC)	1~30L/min	60mm	Double Male	13mm	Plastic
G1&8	-	5V~24V(DC)	0.3~6L/min	-	-	-	Plastic
M11*1.25	-	5V~24V(DC)	0.3~6L/min	-	-	-	Plastic