

# Flow Meter Water Sensor

FDA authentication, POM material ,apply to water dispenser,water purifier,coffee machine,tea brewing machine,beer machine etc.

1. \*Water quality requirement: Drinking water health standards, 0~60°C
2. \*Flow range: 0.15~1.5L/min(three types to be optional)
3. \*Withstand hydraulic pressure:  $\leq 1.20$  MPa
4. \*Voltage/electric current: DC4.5~18V,  $\leq 15$ mA, can be customized 24V
5. \*Insulation resistance:  $>100$ M $\Omega$
6. \*Electrical strength: AC500V, 50HZ
7. \*Output level: Rated voltage DC5V, high level  $\geq 4.5$ V, low level  $\leq 0.5$ V
8. \*Pulse duty cycle: 50%
9. \*Cumulative flow conversion: 1L water=4.21pulse, accuracy: 5%~8%
10. \*Custom made: Wire harness specification, the direction of water inlet and outlet, low power operation mode( $\leq 10\mu$ A)

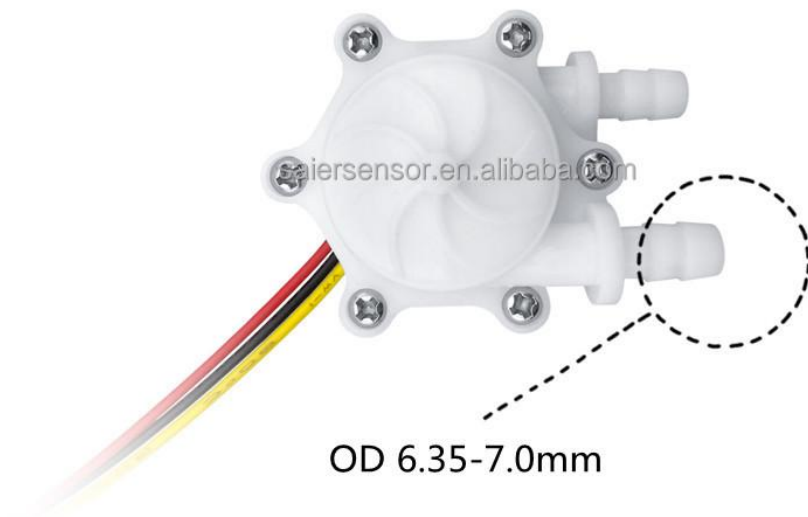
4 flow ranges are optional:

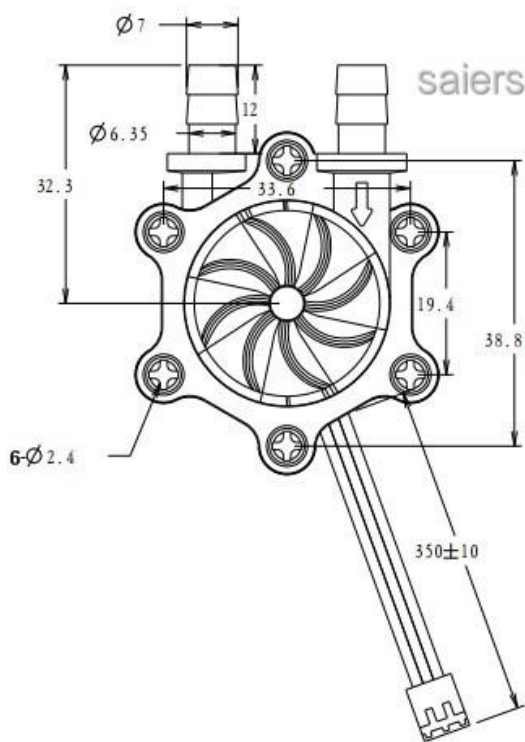
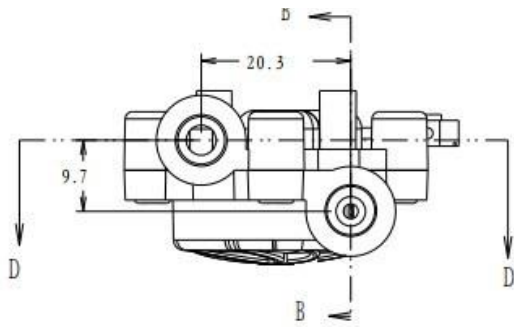
Series 1, flow range: 0.15-1.50L/Min

Series 2, flow range: 0.25-2.50L/Min

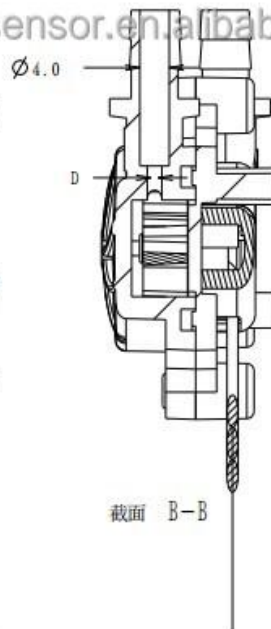
Series 3, flow range: 0.30-3.00L/Min

Series 4, flow range: 0.30-4.50L/Min

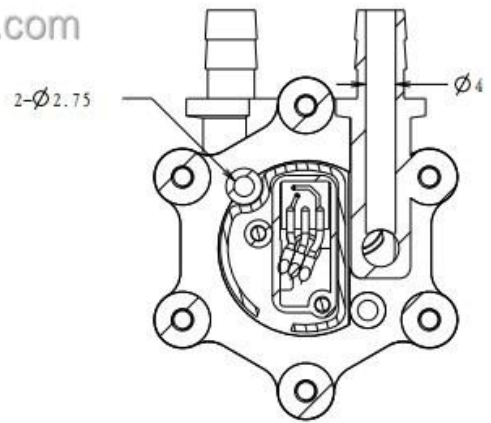




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截面 B-B



截面 D-D



<b>Product Name</b>	Miniature plastic flowmeter, turbine flow sensor
<b>Material</b>	POM plastic food grade material
<b>Connection Size</b>	OD 6.35-7.0 MM
<b>Flow Range</b>	0.15-1.5L/Min, 0.2-2.5 L/Min, 0.3-3.0L/Min, 0.3-4.5L/Min
<b>Contact Capacity</b>	DC 5-24V, can be customized DC 3V
<b>Function</b>	Measure water flow, It is installed in various coffee machines, water dispensers, and water inlets of electrolyzers to detect the influent flow.