

## SUS-44

The flow sensor is suitable to detect the flow in water dispenser or coffee machine ....

Working performance: When the water flows through the rotor, then rotor is rolled and the hall-effect sensor outputs the corresponding pulse signal.

Water Flow sensor includes a plastic/brass/stainless steel body housing, a water rotor, and a hall-effect sensor.

### Product Description

Material body : Brass or Stainless steel (choices)

Threadsize: Male G1/2" - OD20.5MM

Size: L 44 x 26.5MM x DN15

Flowrate: 1~30L/min

FlowPulse:  $F(\text{Hz}) = (11 \times Q) - 3\% \pm 10\%$   $Q = \text{L/min}$

1L water = about 596 Pulse  $\pm 10\%$

Max. Working Current: 15mA (DC5V)

Min. Working Voltage: DC4.5V

Working Voltage: DC5V~18V

Load Capacity: =10mA (DC5V)

Operating Working Temperature: -25 Degree centigrade to +80 Degree centigrade

Liquid Temperature: Max 100 C water ,not steam, not dry burn.

Accuracy: 5%~10%

Cable connection: Red: positive + ; black : Negative - ; Yellow: Pulse NPN Signal.

