



## SEA OF05ZAT G1/2 inch FLOW SENSOR



### Description:

OF05ZAT G1/2 DN15 Water Flow Sensor (Sea) Milk Gasoline Oil Diesel Flow Rate Sensor includes a plastic body housing, rotor / Oval gear, and a hall-effect sensor, PCB electronics board.

As liquid flows through the sensor, the oval gear rotor rotates, with its speed varying according to the flow rate. The magnetic rotor interacts with the Hall-effect sensor, which then generates a corresponding pulse signal.

## Features:

- Accuracy:  $\pm 1\%$
- Working environmental: milk, liquid, light oil, diesel
- Material: RoHs, no-toxic

## Specifications:

- Thread size: Male 1/2" / 0.8 INCH
- Flow rate: 5-300L/Hour (flow pressure should start-up to run oval gear) Different liquid, different flow rate range.
- Flow Pulse:  $F(\text{Hz}) = 2.5\text{ML} / P$
- Working Voltage: DC 3.5V~12V
- Working pressure:  $< 1.75\text{Mpa}$
- Operating Working Temperature: -25 Degree centigrade to +70 Degree centigrade Liquid Temperature

Model Type:	Water Flow Sensor
Working water pressure(MPa)	$\leq 1.75$
Operating Voltage (VDC):	3.5 to 12
Max. Operating Current (mA)	15mA
Min Dual Supply Voltage (V)	DC 4.5V
Load Current Max (mA):	10 mA
Shipping Weight	0.136 kg
Shipping Dimensions	$15 \times 11 \times 5 \text{ cm}$