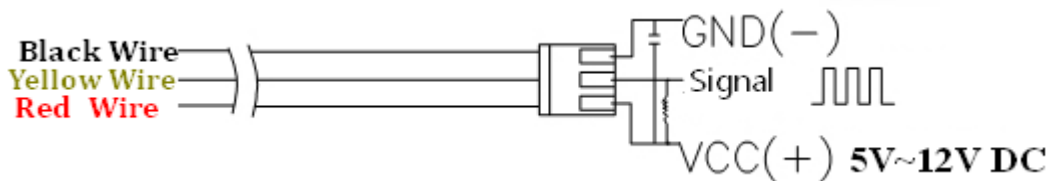


## GE-305 FDA Water Flow Sensor

The plastic flow sensor is produced by POM material, achieving the FDA standard, no bad smell, could be used for high temperature liquid, widely used in RO water instrument, dispenser water, water heating system, wine flow measure, drinking water system, to calculate the flow rate.

### Specification:

1. POM Material, accord with FDA Standard
2. Pipe Size: G1/2, G3/4, G1"
3. Flow Range: 0.5L/min ~ 6.0 L/min ~ 10L/min ~ 50L/min
4. Deviation:  $\pm 0.2$ L/min
5. Voltage: DC5V ~ DC12V
6. Voltage for High Level of Pulse Output: 200~400mV ( $I_{out}=20$ mA)
7. Current for Low Level of Pulse Output: 0.1uA~10uA ( $V_{out}=24$ V)
8. Max Pressure: 7.0bar
9. Work temperature: -20C ~ 105C
10. Size: 63.5\*28\*38mm for G1/2; 64\*36\*44mm for G3/4"
11. Hall Component, made in Japan



G1/2"	Monitor Point	Flow Meter	Frequency	Period of square wave
1	2.8L/min	168L/H	28 Hz	35.714ms
2	4.3L/min	258L/H	43 Hz	23.256ms
3	6.0L/min	360L/H	60 Hz	16.667ms
4	8.0L/min	460L/H	80 Hz	12.500ms
5	10.3L/min	618L/H	103 Hz	9.709ms

G3/4"	Monitor Point	Flow Meter	Frequency	Period of square wave
1	2L/min	500L/H	4 Hz	250ms
2	3L/min	750L/H	6 Hz	160ms
3	4L/min	1000L/H	9 Hz	100ms
4	5L/min	1250L/H	11-12 Hz	85ms
5	6L/min	1500L/H	12 Hz	83ms

G1"	Monitor Point	Flow Meter	Frequency	Period of square wave
1	4.5L/min	270L/H	6.0 Hz	166.667 ms
2	7.0L/min	420L/H	9.3 Hz	107.527 ms
3	9.0L/min	540L/H	10.0 Hz	83.333 ms
4	13.0L/min	780L/H	17.3 Hz	57.803 ms