

# Savant FS-3400AH Micro Flow Sensor, Digital Output

SAVANT ELECTRONICS INC.

2088-3, Huanzhong road, Sec.1, Taichung 40761, Taiwan

Tel : 886 4 2425 5578 Fax : 886 4 2425 0396

Email : [savantco@ms65.hinet.net](mailto:savantco@ms65.hinet.net)

Website : [www.digisavant.com](http://www.digisavant.com)

## Features :

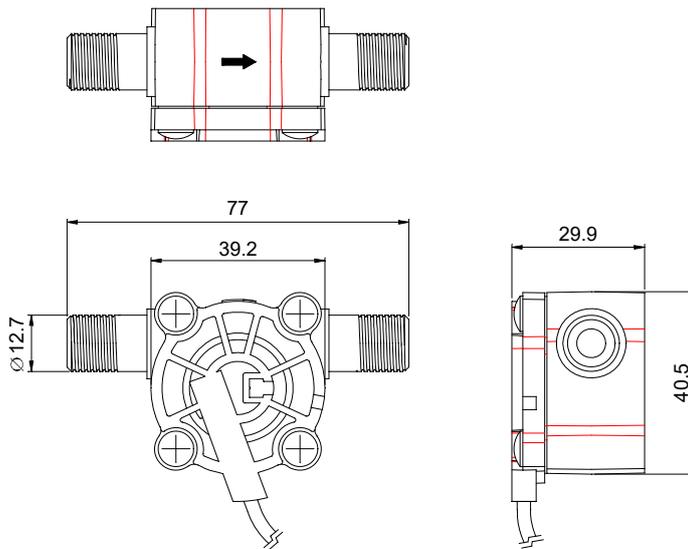
- Accurate and reliable
- Low cost
- Easy installation
- 1/4" BSP connection, 0.05 – 0.5 liter/min.



## Application :

- ✓ Residential and commercial water treatment
- ✓ Water dispenser
- ✓ Water cooler

## 1.0 Mechanism :



## 2.0 Electrical :

Supply voltage : 2.4 – 26 V DC

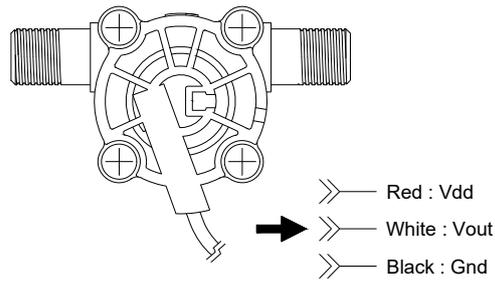
Supply current : typical 2.8 mA, maximum 8.0 mA.

Output mode : open collector

Output rise time : typical 1.0μsecond. maximum 10μsecond.

Output falling time : typical 0.3μsecond. maximum 1.5μsecond.

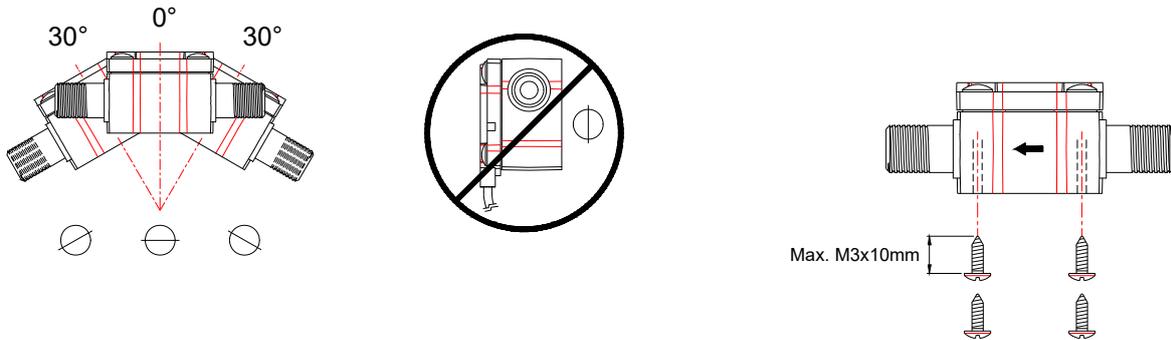
Wire connection :



Connector : JST compatible, Housing : SMR-03V-N, Terminal : SYM-0001T-P0.6

### 3.0 Mounting method

Horizontal mounting, maximum 30 degree lifting.



4.0 Flow Rate : 0.05 – 0.5 liter/min.

5.0 Calibration :

Flow rate (liter/min)	pulse / liter
0.05 – 0.1	1538
0.1 -0.5	1588

Accuracy : +/- 5%

Repeatability : +/- 1%

6.0 General :

Connection : 1/4" BSP male

Temperature : 0 to 85°C

Working pressure : Max. 1 MPa

Burst pressure : 3 MPa

Materials : Sensor Body : PA6 with 50% glass fiber

Paddle : Acetal Copolymer (POM)

Axle : #304 Stainless Steel

O-Ring : E.P.D.M.