

Savant FS-2200H, Flow Sensor

SAVANT ELECTRONICS INC.

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

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

Email : savantco@ms65.hinet.net

Website : www.homewaterfilter.com.tw

Features :

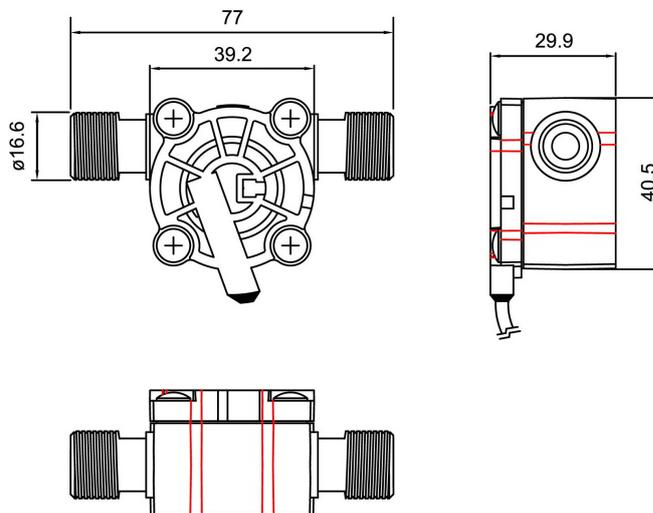
- ❑ Accurate, reliable and low cost
- ❑ Easy installation
- ❑ Digital pulse output



Application :

- ✓ Residential and commercial water treatment system
- ✓ 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

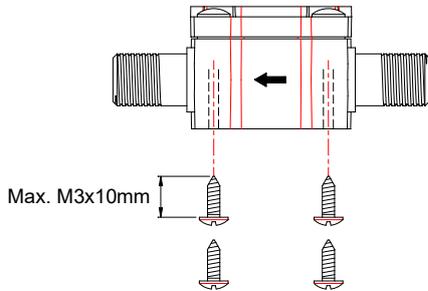
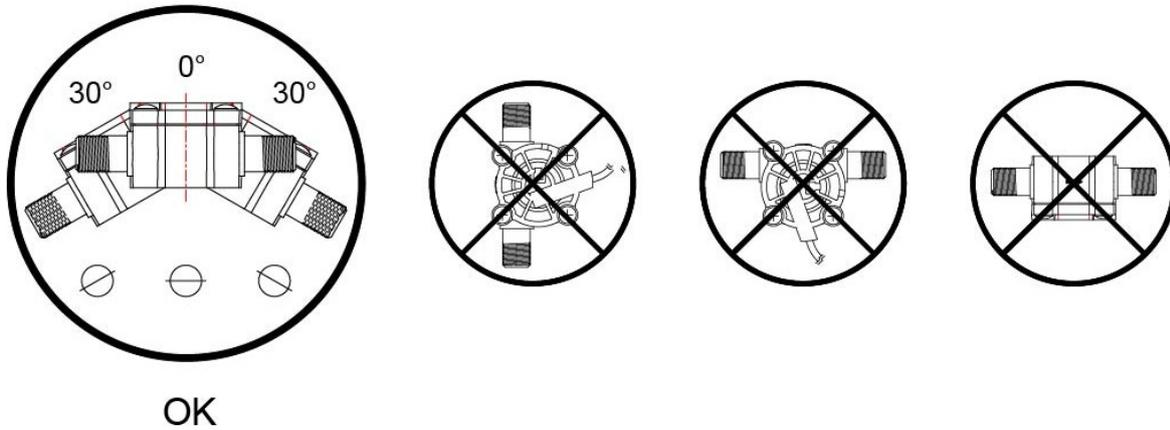
Output rise time : typical 1.0 μ second. maximum 10 μ second.

Output falling time : typical 0.3 μ second. maximum 1.5 μ second.

Wire connection : Red : Vdd, Brown : Vout, Black : Gnd.

3.0 Mounting method

Horizontal mounting ONLY, maximum 30 degree lifting.



4.0 Flow Rate : 0.8-15 liter/min.

5.0 Calibration : $K = 250$ (250 pulses/liter)

6.0 Accuracy : +/- 5%

Repeatability : 1%

7.0 General :

Connection : 3/8" BSP male

Cable length : 15 cm with JST type connector

Temperature : 0 to 80°C

Working pressure : 8.0 bar (112 psi) max.

Burst pressure : 29 bar (400 psi)

Materials : Body : PA6 with 50% glass fiber

Paddle : Acetal Copolymer (POM),

Shaft : #304 Stainless Steel

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