Savant FS-2400H, Liquid Flow Sensor

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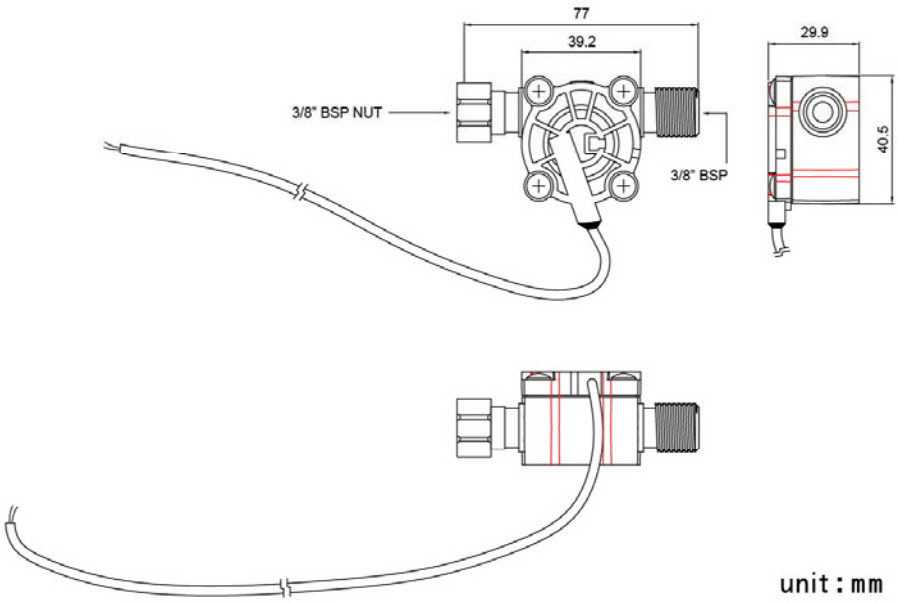
Features :

- □ 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

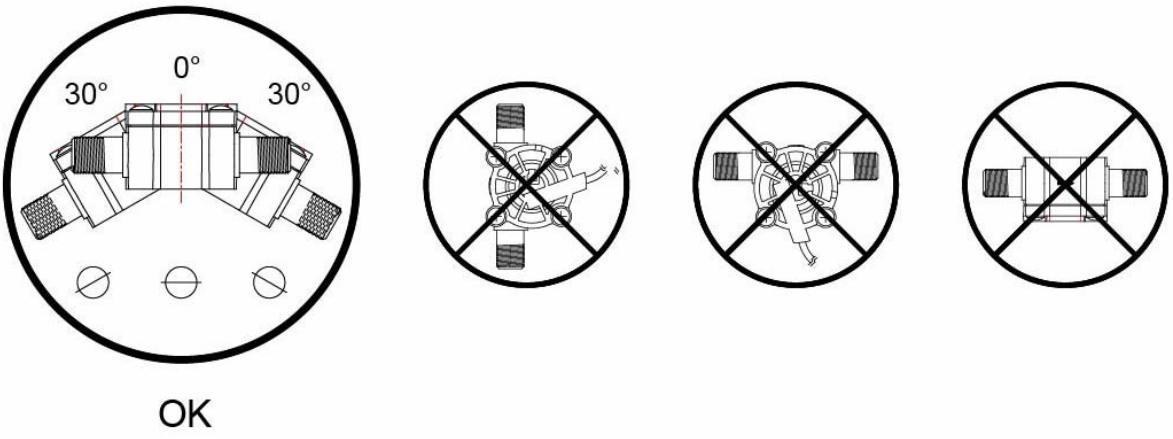
Output rise time : typical 1.0 μ second. maximum 10 μ second.

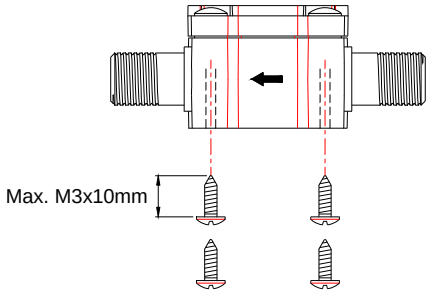
Output falling time : typical 0.3 μ second. maximum 1.5 μ second.

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 – female nut

Cable length : 15 cm with JST type connector

Temperature : 0 to 80℃

Working pressure : 8.0 bar (112 psi) max.

Burst pressure : 29 bar (400 psi)

Materials : Body : PA66 with 50% glass fiber Grivory GV-5H

Paddle : Acetal Copolymer (POM), TICONA M90

Shaft : #304 Stainless Steel

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