Savant FS-3000A Flow Sensor

SAVANT ELECTRONICS INC.
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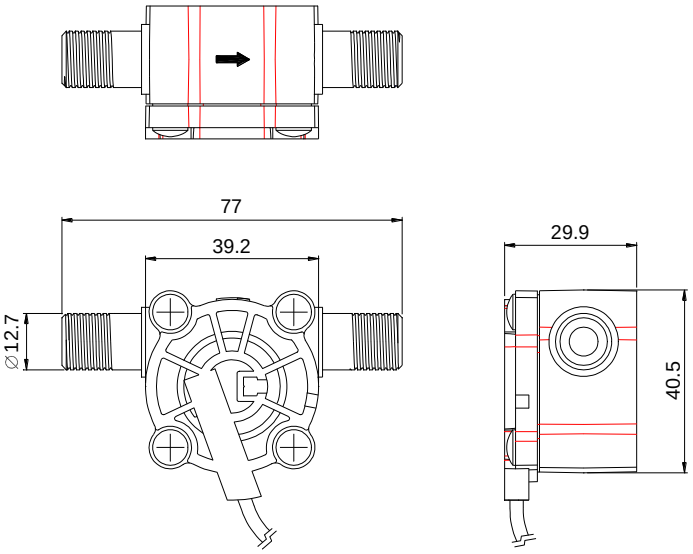
Features :

- ◻ Accurate and reliable
- ◻ Low cost
- ◻ Easy installation

Application :

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

1.0 Mechanism :



2.0 Electrical :

Switching Voltage : Max. 200 Volts

Switching Current : Max. 0.5 Amps

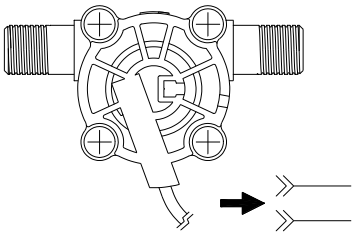
Carry Current : Max. 1.5 Amps

Switching Frequency : Max. 500 Hz

Contact Resistance : Max. 150 mΩ

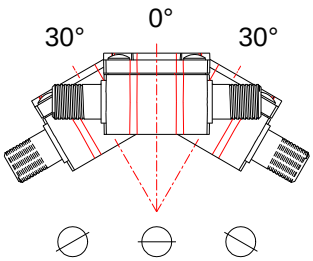
Life Expectancy : 400,000 liters.

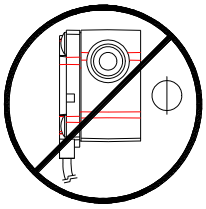
Wire connection :

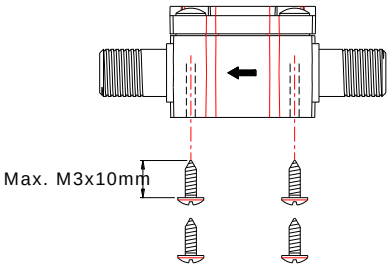


3.0 Mounting method

Horizontal mounting ONLY, maximum 30 degree lifting.







4.0 Flow Rate : 0.6 – 8.0 liter/min.

5.0 Calibration :

Flow rate (liter/min.)	Liter per pulse (liter)
0.6 – 1.0	0.0039
1.0 – 2.5	0.0040
2.5 – 8.0	0.0041

Accuracy : +/- 5%

6.0 General :

Connection : 1/4” BSP male

Temperature : 0 to 80℃

Pressure : Max. 8.0 bar (112 psi)

Accuracy : +/- 5%

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

Turbine : Acetal Copolymer (POM), TICONA M90

Stick of Turbine : #304 Stainless Steel

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