

## FT-AH Mini Flow Sensor with Hall Effect Switch

### Features :

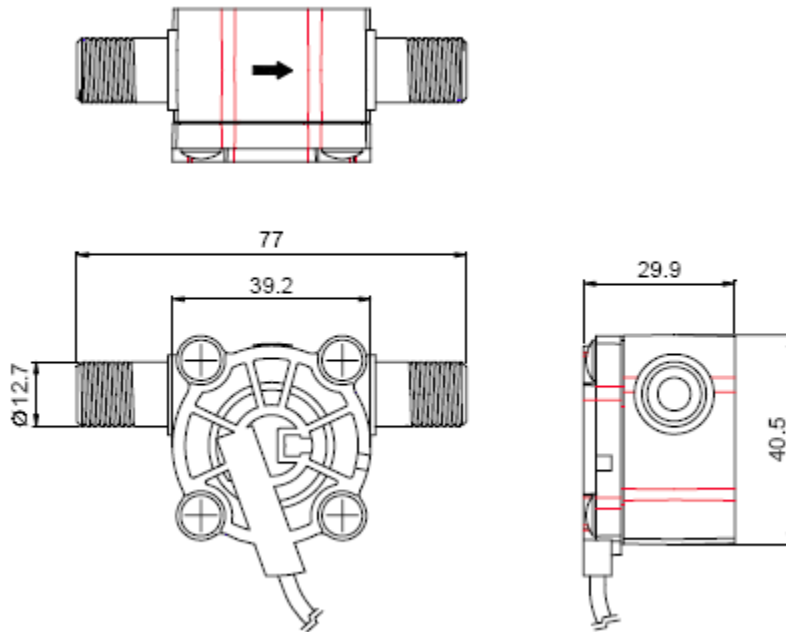
- Accurate and reliable
- Low cost
- Easy installation

### Application :

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



### 1.0 Mechanism :



### 2.0 Electrical :

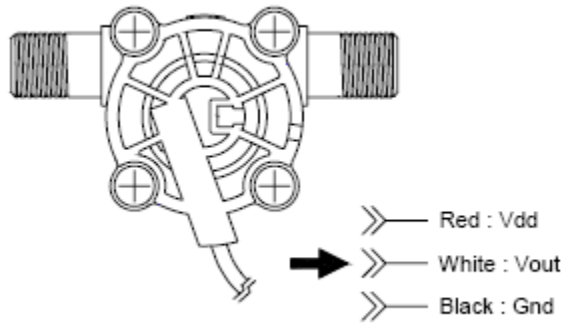
Supply voltage : 2.4 – 26 V DC

Supply current : typical 2.8 Amps, maximum 8.0 Amps.

Output rise time : typical 1.0  $\mu$  second. maximum 10  $\mu$  second.

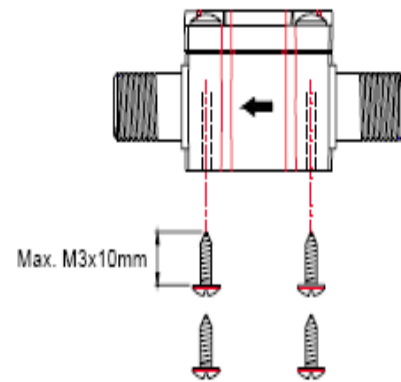
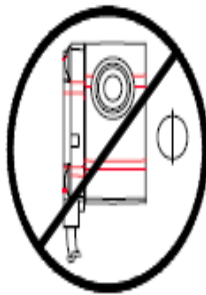
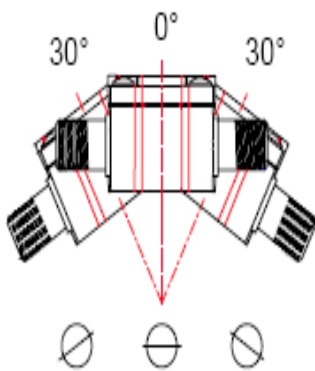
Output falling time : typical 0.3  $\mu$  second. maximum 1.5  $\mu$  second.

Wire connection :



### 3.0 Mounting method

Horizontal mounting, maximum 30 degree lifting.



4.0 Flow Rate : 0.6 – 8.0 liter/min. (0.16 – 2.11 gallon/min.)

5.0 Calibration :

Flow rate (liter/min.)	Liter per pulse (liter)
0.6 – 0.8	0.0033
0.8 – 1.0	0.0036
1.0 – 1.5	0.0038
1.5 -2.0	0.0040
2.0 – 8.0	0.0041

6.0 General :

Connection : 1/4" NPT male

Temperature : 0 to 40°C

Pressure : Max. 6.0 bar (85 psi)

Accuracy : +/- 5%

Materials : Sensor Body : Acetal Copolymer (POM), TICONA M90

Turbine : Acetal Copolymer (POM), TICONA M90

Stick of Turbine : #304 Stainless Steel

O-ring:EPDM