

# Savant DigiFlow 6710M-88TM, Digital Flow Totalizer and Flow Rate Meter

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## Features :

- ☐ Flow totalizing up to 9999.9 m<sup>3</sup>, or 9999.9 x1000 gallon
- ☐ Flow rate display from 3 – 100 liter/min.
- ☐ Battery operated, 2 AA batteries
- ☐ Low battery power alert
- ☐ Automatic data memorized when battery power is off

## Application :

- ✓ Water cooler
- ✓ Water dispenser
- ✓ Cooling system for machinery

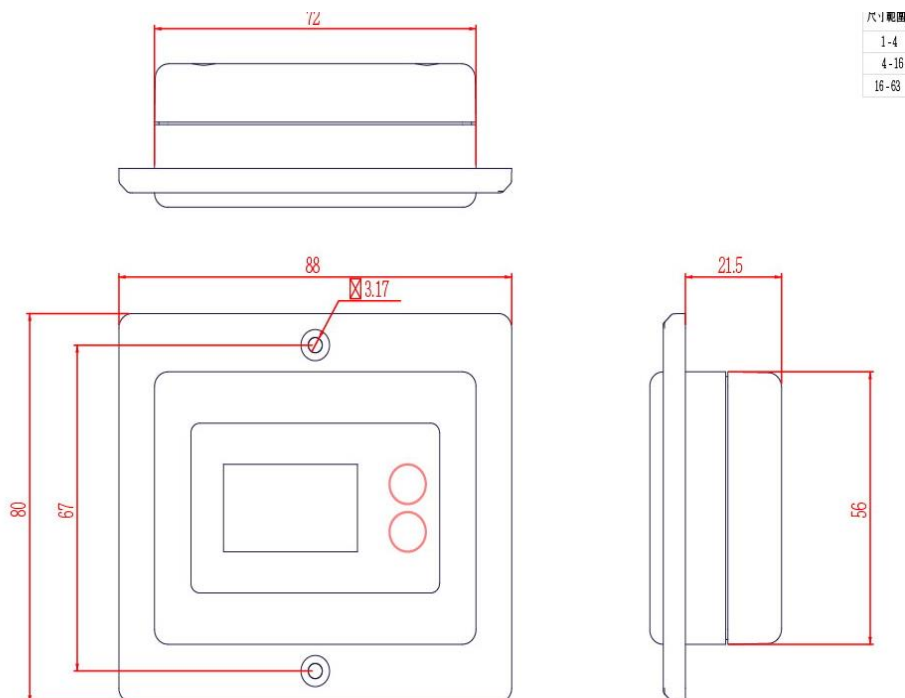
## 1.0 Electrical :

Operating Voltage : 3 DC Volts

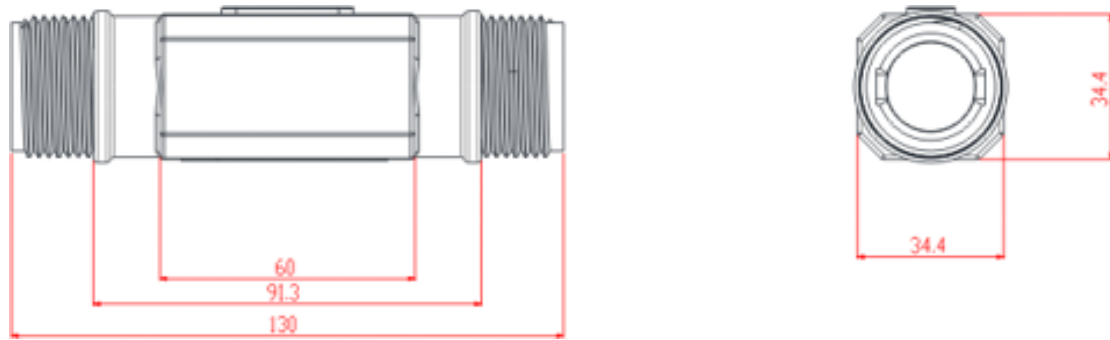
Operating Current : 1.0 mA (work), 0.015 mA (sleep)

## 2.0 Mechanic :

### Electrical Control Box



Flow Sensor :



### 3.0 Application :

Installation method : vertical and horizontal.

Flow direction : one way

Flow rate : 3 - 100 liter/min

### 4.0 General :

Temperature : 0 to 80°C

Working pressure : Max. 1 MPa (140 psi)

Burst pressure : 3 MPa (420 psi)

Weight : 190 g

Accuracy : +/- 5%

Connection : 1" BSP male

Materials : Sensor Body : PA66 with 50% glass fiber

Turbine : Plastic Magnet

Shaft of Turbine : 304 stainless steel

Control Box Housing : ABS resin

### 5.0 Operation Guide

#### 5.1 Connecting power

Connecting the power connector of the control unit with 3V DC power. For 110/220 V AC power, connecting the output power of the adapter.

#### 5.2 Connecting Fitting

The specification of the DigiFlow 6710M-88TM connectors is 1" BSP male.

#### 5.3 Operating

The DigiFlow 6710M-88TM will automatically turn on when there is water flowing through the sensor. It will automatically turn off in 10 seconds when there is no water flowing.

#### 5.4 Display and Mode Selection :

Press the “DISPLAY” button will turn on the LCD of the DigiFlow 6710M-88TM. Pressing the “DISPLAY” button again could choose to display accumulated flowing volume (flow totalization) or real-time flow rate.

#### 5.5 Reset

Use stick to keep pressing the “RESET” button for 4 seconds, the total measuring volume will be reset to be zero.