# Savant FS-6600H Flow Sensor, Digital Output

SAVANT ELECTRONICS INC.
2088-3, Sec 1., Huanzhong road, Taichung 40761, Taiwan
Tel : 886 4 2425 5578 Fax : 886 4 2425 0396
Email : savantco@ms65.hinet.net
Website : www.digisavant.com

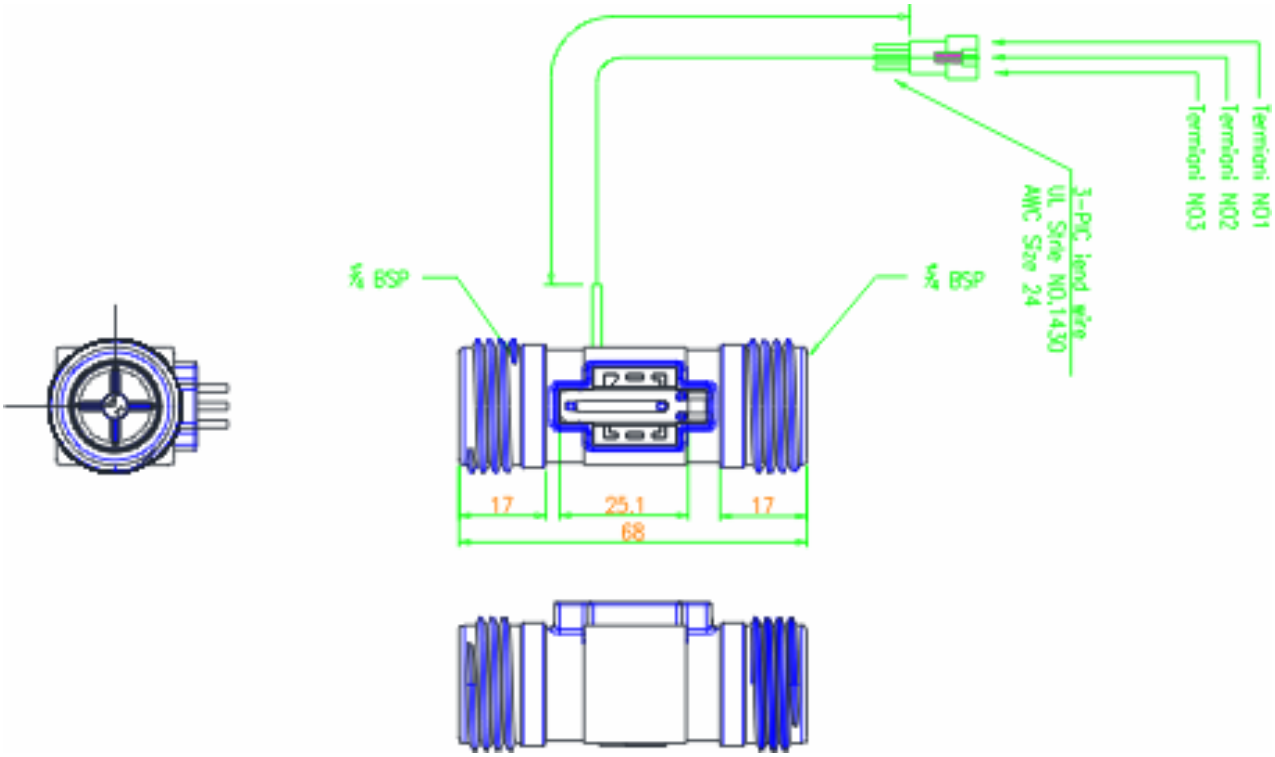
Features :

- ◻ Small and compact dimension
- ◻ Easy connection, 3/4” BSP thread
- ◻ High reliability and durability
- ◻ Installation flexibility : vertical or horizontal
- ◻ Wide rated voltage : 2.4 to 26 VDC
- ◻ Hall effect sensor, digital output

Application :

- ✓ Water heater, boiler and heat pump

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 : NPN type

Output rise time : typical 1.0μsecond. maximum 10μsecond.

Output falling time : typical 0. 3μsecond. maximum 1.5μsecond.

Wire connection : (Red) : Vdd

(Black) : Gnd

(Brown) : Vout

Connector : JST compatible, Housing : SMR-03V-N, Terminal : SYM-0001T-P0.6

1.0 Application :

Mounting Method : Horizontal to Vertical

Range of Flow Rate : 2 – 60 L/min.

Calibration : K = 330 (K = pulse /liter)

Accuracy : +/- 8 %

Working pressure : 1MPa

Burst pressure : 3 MPa

Fluid : Cold and Warm water

Fluid temperature : 0 ~ 80℃

Environment temperature : -20 ~ 80℃

Body Materials : PA 66 with 50% glass fiber

Turbine : plastic magnet

Turbine shaft : stainless steel (ceramic as option)