

# Savant FS-6600H Flow Sensor, Digital Output

SAVANT ELECTRONICS INC.

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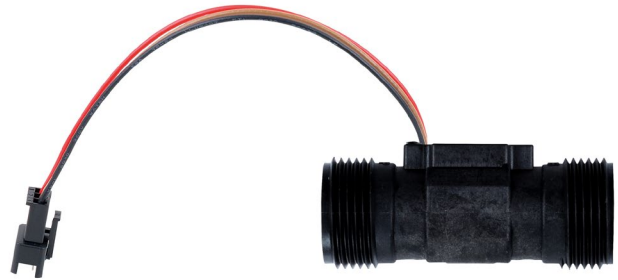
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## Features :

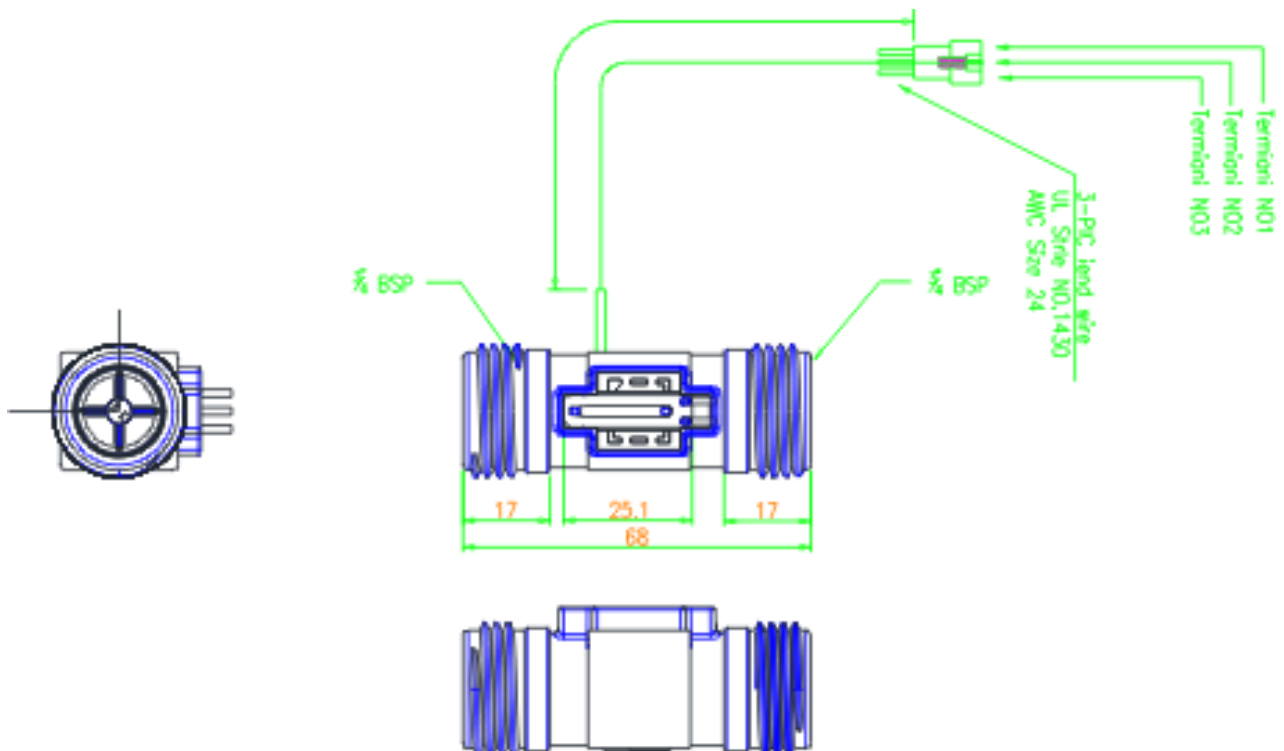
- Small and compact dimension
- Easy connection, 3/4" BSP thread
- High reliability and durability
- Installation flexibility : vertical or horizontal
- Wide rated voltage : 2.4 to 26 VDC
- Hall effect sensor, digital output



## 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 1.0 $\mu$ second. maximum 10 $\mu$ second.

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

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 :  $K = 330$  ( $K = \text{pulse / liter}$ )

Accuracy : +/- 8 %

Working pressure : 1MPa

Burst pressure : 3 MPa

Fluid : Cold and Warm water

Fluid temperature : 0 ~ 80°C

Environment temperature : -20 ~ 80°C

Body Materials : PA6 with 50% glass fiber

Turbine holder : Acetal Copolymer (POM)

Turbine : plastic magnet

Turbine shaft : stainless steel (ceramic as option)