

LFS-075NVN6-PVNO Flow Sensor

Cashtec Electronic Co., LTD

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Features :

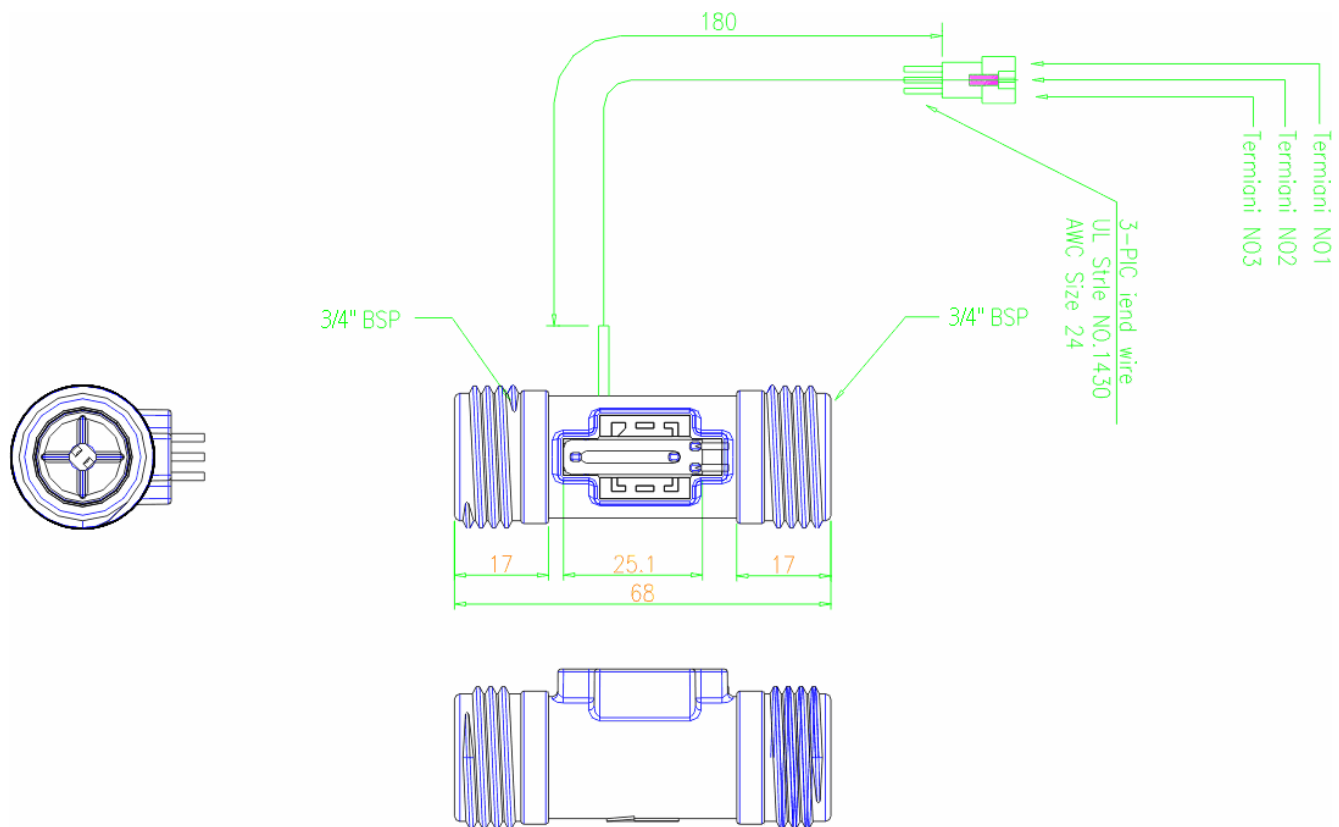
- △ Small and compact dimension
- △ Easy connection, 3/4" BSP thread
- △ High reliability and durability
- △ Installation flexibility : vertical or horizontal
- △ Wide rated voltage : 2.4 to 26 VDC
- △ Hall effect sensor, digital output



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 : open collector

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

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

Wire connection : Terminal 1 (Red) : Vdd

Terminal 2 (Brown) : Vout

Terminal 3 (Black) : Gnd

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

3.0 Application :

Mounting Method : Horizontal to Vertical

Range of Flow Rate : 2.0 – 60.0 liter/min.

Calibration(horizontal mounting) :

Flow rate (lpm)	Resolution(pulse/liter)
2.0 – 3.0	290
3.0 – 6.0	315
6.0 – 60.0	330

Accuracy : +/- 10%

Calibration(vertical mounting) :

Flow rate (lpm)	Resolution(pulse/liter)
2.0 – 3.0	305
3.0 – 6.0	330
6.0 – 60.0	330

Accuracy : +/- 10%

Maximum working pressure : 1MPa

Fluid : Cold and Warm water

Fluid temperature : 0 ~ 80°C

Environment temperature : -20 ~ 80°C

Body Materials : Nylon with 30% glass fiber

Turbine : plastic magnet

Turbine shaft : ceramic or stainless steel (default)