

LFS-075NVN6-PVNO Flow Sensor

Cashtec Electronic Co., LTD
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Features :

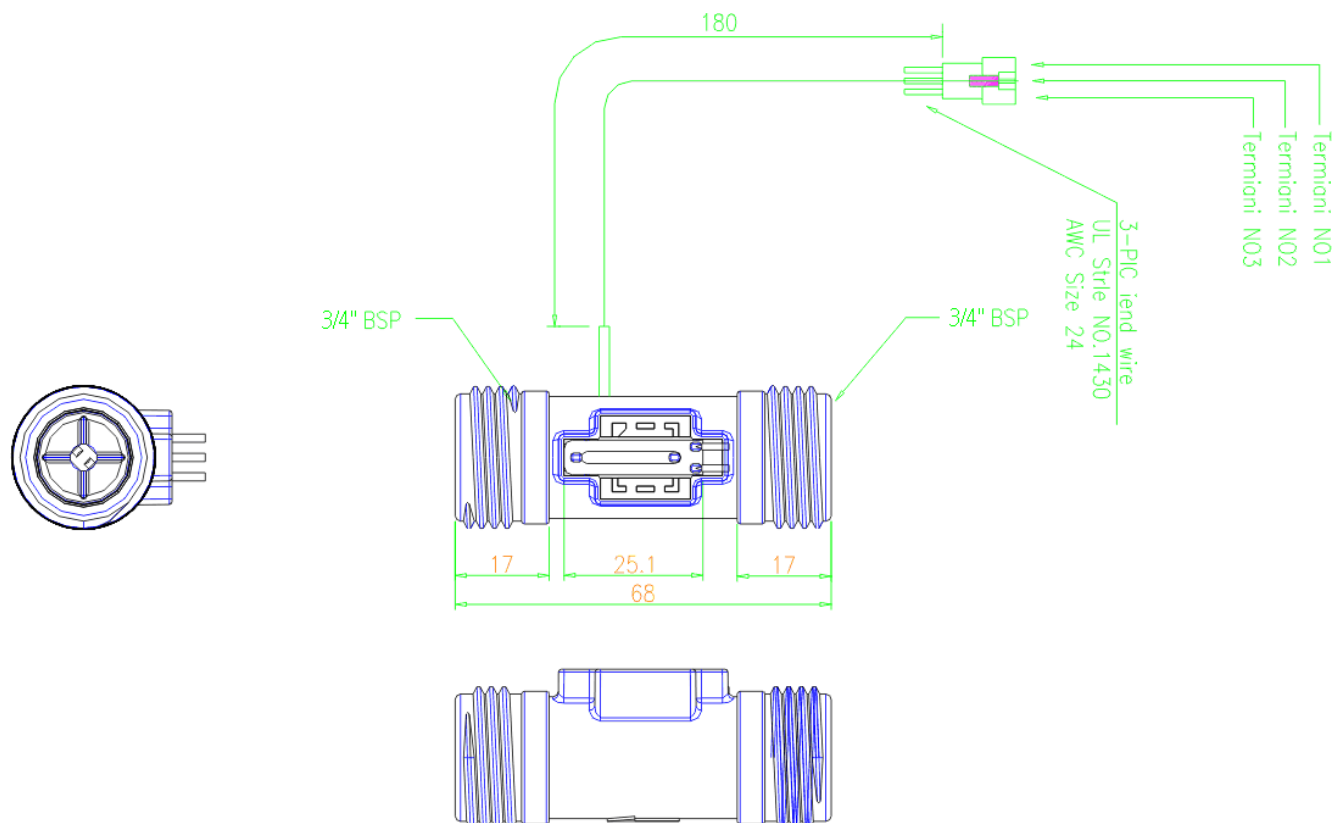
- Small and compact dimension
- Easy connection, 3/4" BSP thread
- High reliability and durability
- Installation flexibility : vertical or horizontal
- Wide rated voltage : 2.4 to 26 VDC
- Hall effect sensor, digital output



Application :

- ✓ Water heater, boiler and heat pump

1.0 Mechanism :



2.0 Electrical :

Supply voltage : 2.4 – 26 V DC

Supply current : typical 3.0 mA, maximum 6.0 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

3.0 Application :

Mounting Method : Horizontal to Vertical

Range of Flow Rate : 2.0 - 35 liter/min.

Calibration(horizontal mounting) : 9.5 ± 2.0 pps @ 2.0 Liter/min.

32.1 ± 3.0 pps @ 6.0 Liter/min.

78.1 ± 7.0 pps @ 15.0 Liter/min.

156.3 ± 15.0 pps @ 30.0 Liter/min.

Calibration(vertical mounting) : 10.4 ± 2.0 pps @ 2.0 Liter/min.

32.1 ± 3.0 pps @ 6.0 Liter/min.

78.1 ± 7.0 pps @ 15.0 Liter/min.

156.3 ± 15.0 pps @ 30.0 Liter/min.

Maximum working pressure : 1MPa

Fluid : Cold Water

Fluid temperature : 0 ~ 40°C

Environment temperature : -20 ~ 80°C

Body Materials : Nylon with 30% glass fiber

Turbine : plastic magnet

Turbine stick : ceramic