

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 : 1.5 – 25 L/min.

Calibration(horizontal mounting) :

Flow Rate (liter/min.)	Pulses per liter
1.5 – 2.0	230
2.0 – 4.5	263
4.5 - 12.0	263
12.0 - 25.0	263

Calibration(vertical mounting) :

Flow Rate (liter/min.)	Pulses per liter
1.5 – 2.0	277
2.0 – 4.5	270
4.5 - 12.0	263
12.0 - 25.0	263

Accuracy error : +/- 10%

Maximum working pressure : 1MPa

Fluid : Cold / Warm Water

Fluid temperature : 0 ~ 80°C

Environment temperature : -20 ~ 80°C

Body Materials : Nylon with 30% glass fiber

Inside turbine holder : Acetal copolymer (POM)

Turbine : plastic magnet

Turbine shaft : ceramic or stainless steel