

Flow Control Specification



Flow Turbine Specification



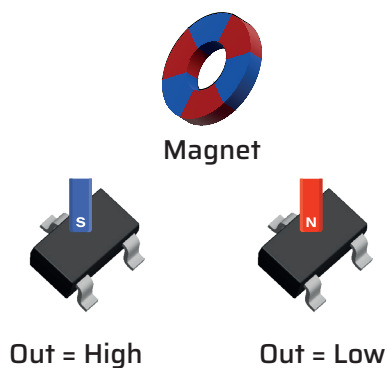
Working Conditions	
Operating Pressure (static)	Max 15 Bar
Burst Pressure	Max 25 Bar
Water Temperature	2 ~ 50°C
Ambient Temperature	-20 ~ 95°C
Measurable Flow (Minimum)	1.50l/min

Product Materials	
Turbine Cap	PPO GF30
Turbine	POM
Shaft	SS316L
Sensor Type	Hall Effect Latch Sensor

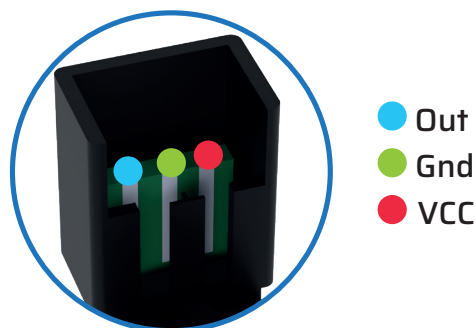
Flow Sensor Specification



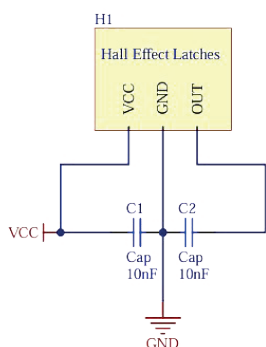
Hall Effect Latch Sensor



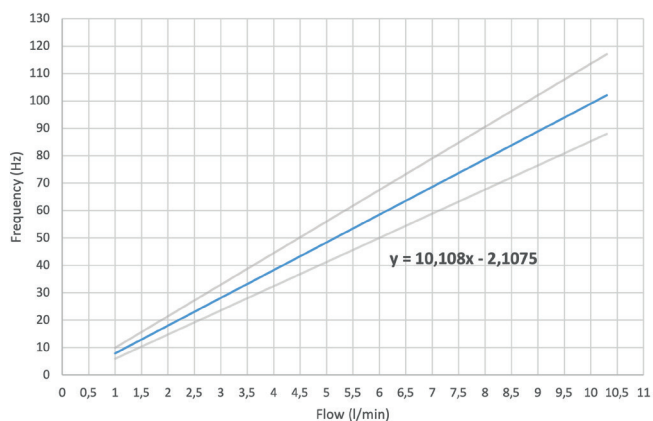
Cable Connection



Circuit Diagram



Frequency Curve



*This graph is an illustration prepared using plastic hydroblocks as a reference.

Flow Sensor Specification



Electrical characteristics

Parameter	Symbol	Test Conditions	Min	Typ	Max	Units
Supply Voltage	V _{DD}	Operating	2.5	-	26	V
Supply current	I _{DD}	B < B _{RP}	-	-	5	mA
Output Saturation Voltage	V _{DSon}	I _{OUT} = 20 mA, B > B _{OP}	-	-	0.4	V
Output Leakage Current	I _{OFF}	B < B _{RP} , V _{OUT} = 20V	-	-	10	μA
Output Rise Time	t _r	R _L = 1kΩ, C _L = 50pF	-	0.04	0.45	μs
Output Fall Time	t _f	R _L = 1kΩ, C _L = 50pF	-	0.18	0.45	μs