

Oval Gear Water Flow Sensor

(SMWF-OV)

PRODUCT SPECIFICATION SHEET



FEATURES

- This sensor has excellent character in low pressure.
- The out pulse frequency has linear character in flux change.
- This sensor has a half-permanent life by high sensitivity semiconductor sensor.

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APPLICATION

This sensor is used in water flow sensing.

This sensor has application to gas boiler and instantaneous warm-water appliance, and water filtering appliance

SPECIFICATIONS

Type	: Oval gear sensor	
Installation	: Vertical with upward flow.	
Permissible fluid temperature	: 0 ~ 60℃ (It shall not be frozen)	
Ambient temperature	: 0 ~ 60℃	
Material	: BODY/CAP	PPS + GF40%
	: GEAR	PPS + 40%
	: PIN	SUS 316
	: PLATR	SUS 304

SPECIFICATIONS

Efficiency	Fluid	: Water
	Measuring range	: 0.1 ~ 1(ℓ / min)
Flow rate – pulse (Hz)	Model	
	ℓ /min	Hz
	0.1	2.1
	0.2	4.1
	0.3	5.5
	0.4	7.6
	0.5	9.35
	0.6	10.8
	0.7	12.5
	0.8	14.7
	0.9	16.2
1.0	18.1	
Pipe Connection	: ONE TOUCH NIPPLE(6.5mm or 1/4 inch)	
Working pressure	: 1kgf/cm ²	

DIMENSIONS

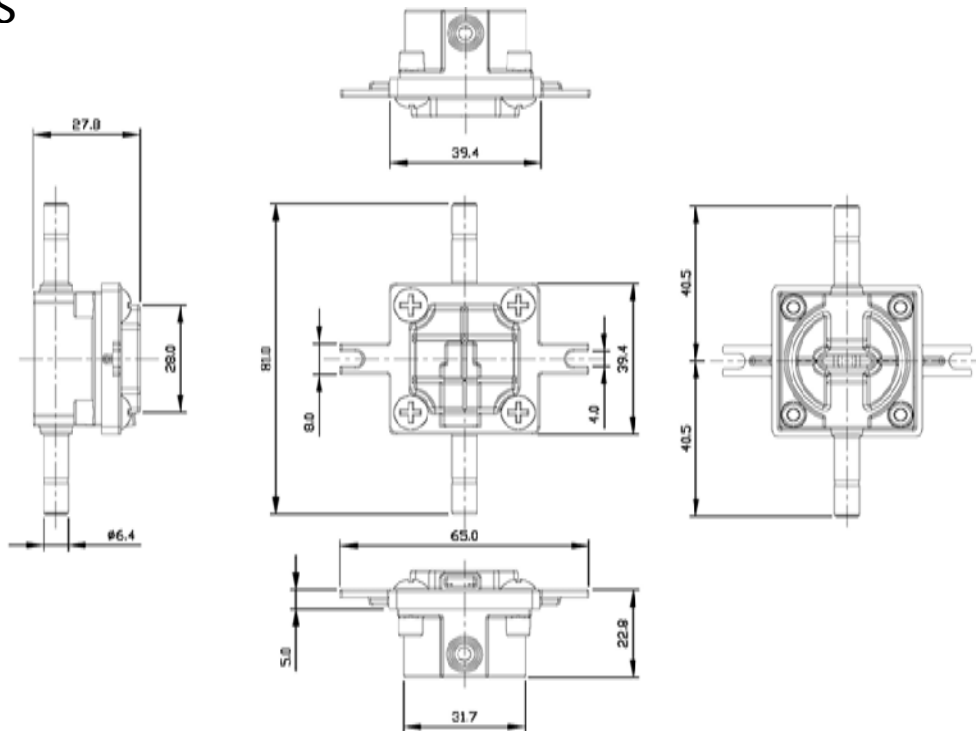


Fig 1. FLOW SNSOR

The specifications and dimensions can be changed without warning