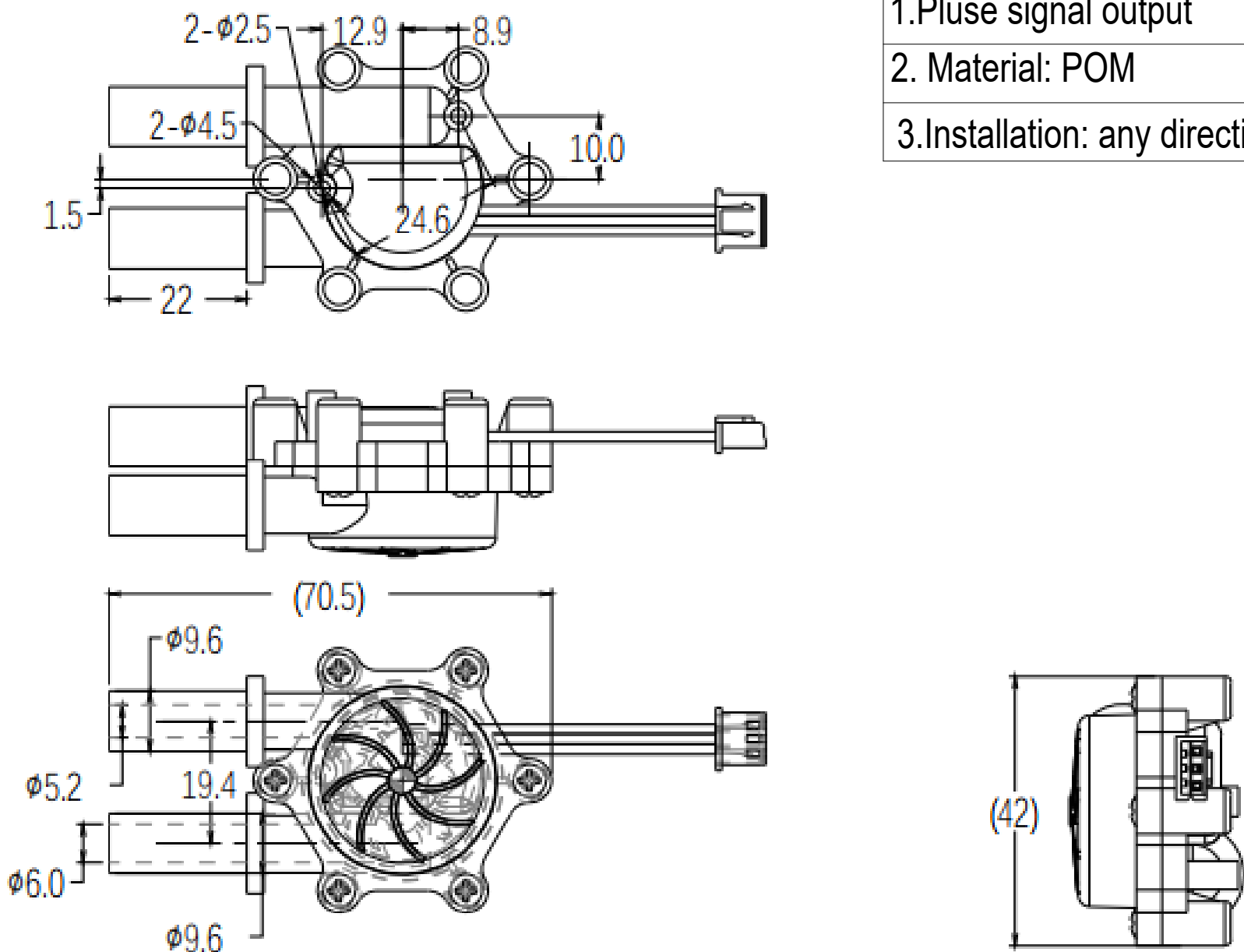


FOSHAN SHUNDE SAIER SENSOR CO., LTD.

SEN-HW83K

Product Data Sheet

I. Specification (mm)

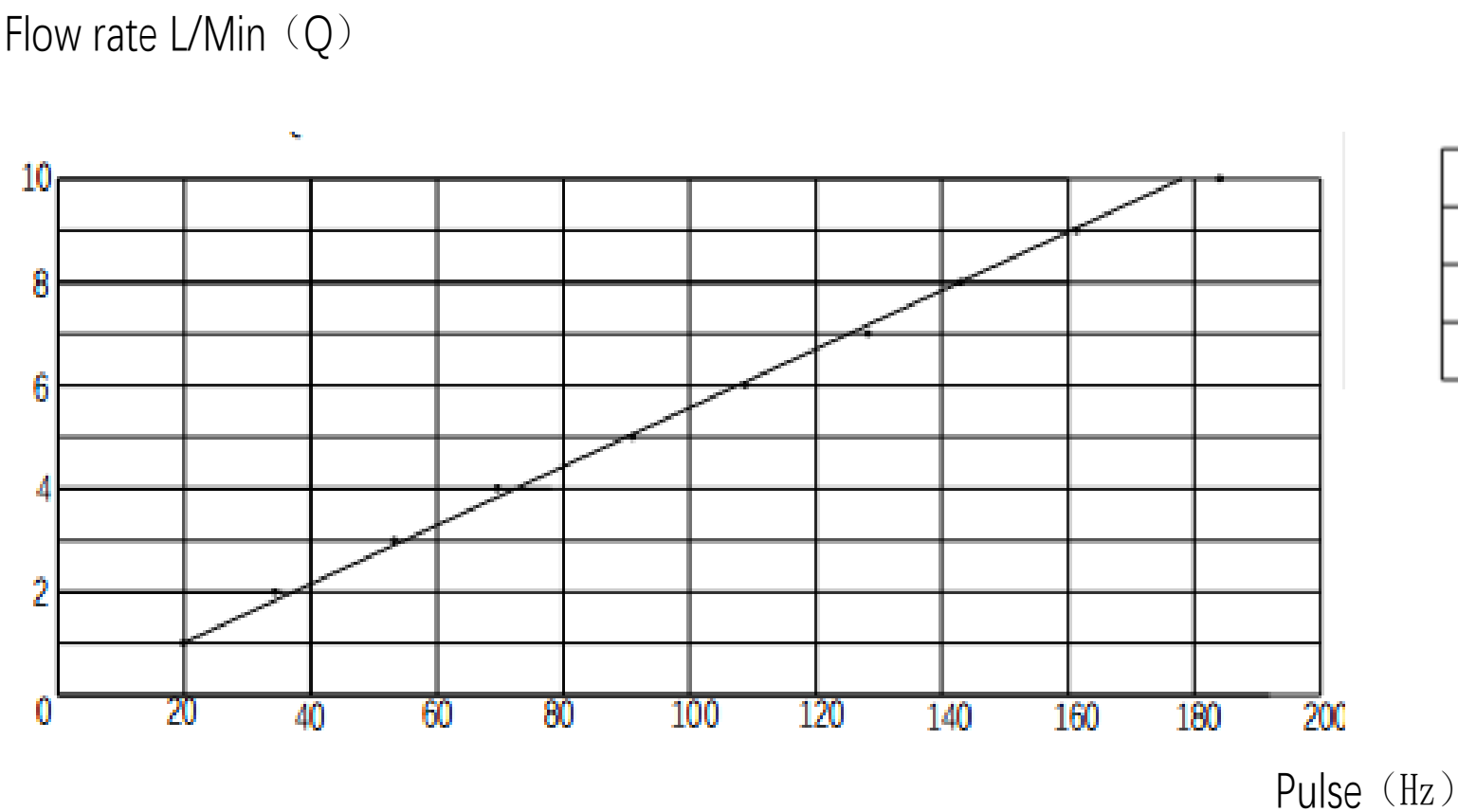


- Model:SEN-HW83K
- 1.Pluse signal output
- 2. Material: POM
- 3.Installation: any direction

III. Characteristic for flow range

1. Instant flow Pulse characteristics: $F=(18Q-3) \pm 10\%$ (Just for your reference)

Instantaneous Frequency (Hz) - Flow Rate (L/min) Curve Table



Flow characteristics laboratory measured parameters comparison table

L/min			1L	2L	3L	4L	5L	6L	7L	8L	9L	10L
Pulse			19.69	34.25	53.19	69.44	90.91	108.7	128.2	142.9	161.3	184

II. Technical parameters:

Temperature	water normal temp. ≤60℃, high temp. ≤115℃		
Operating voltage range	3V:1.8-5.5V	5V:2.2-18V	24V:4.5-26.4V
Rated voltage/current	DC3V, ≤10 μA	DC5V, ≤10mA	DC5V, ≤10mA
Output voltage Duty cycle 50%	rated voltage<DC5V, high level above: Vcc-0.2V, low level below: 0.2V rated voltage≥DC5V, high level above: Vcc-0.5V, low level below: 0.5V		
Insulated resistor	>100 MΩ		
Electrical strength	AC500V, 50Hz		
Flow range	0.3-10L/min		
Pressure performance	≤1.5Mpa		

IV. Instruction:

- In order to avoid particles, debris into the sensor, the sensor inlet must be installed filter.
 - Water flow sensor installed in the equipment inside or indoors, do not expose for a long time outdoors or high humidity.Under harsh environment such as temperature, to avoid strong vibration and shake the environment, to avoid affecting the sensor measurement Measuring accuracy.
 - When a magnetic material or a material which generates magnetic is close to the sensor, the characteristic may change.
 - Do not open the flow sensor to prevent damage, where unauthorized dismantling of the flow sensor are not in the scope of the warranty.
 - Not used the structure of the sensor for direct replacement may have discomfort, please prompt;
 - Customer service Tel: 0757-22905969 ; Fax no.0757-22905969.
- <https://www.chnsensor.com> ; E-mail: sale4@chnnsensor.com.
- Remark: Applied to water dispenser, water control machine, coffee machine, water purifier, instrument and meter etc.