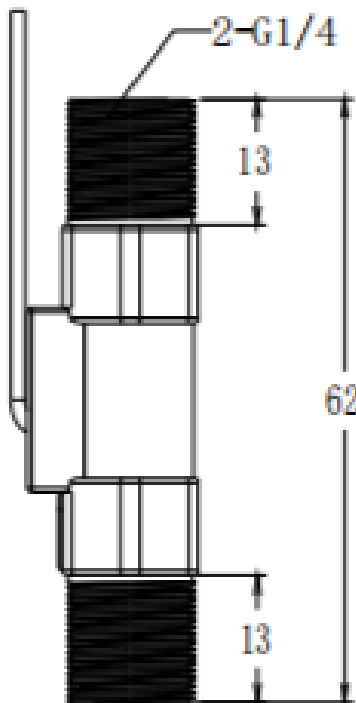
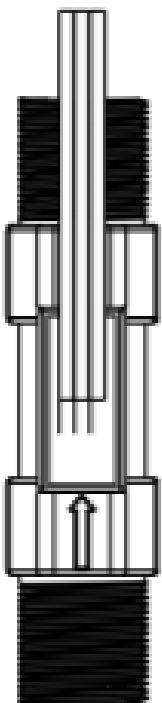
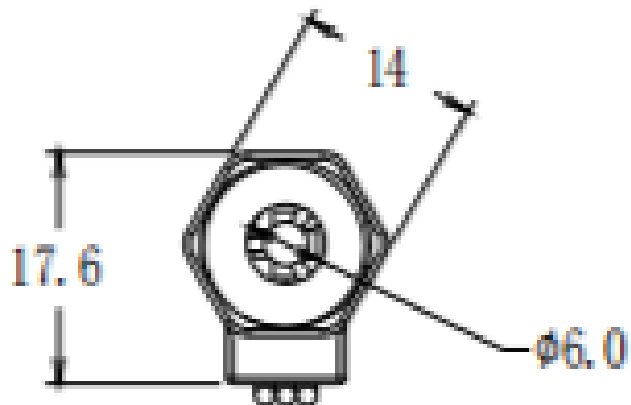


FOSHAN SHUNDE SAIER SENSOR CO., LTD.

SEN-HZ41WA
Product Data Sheet

I. Specification (mm)

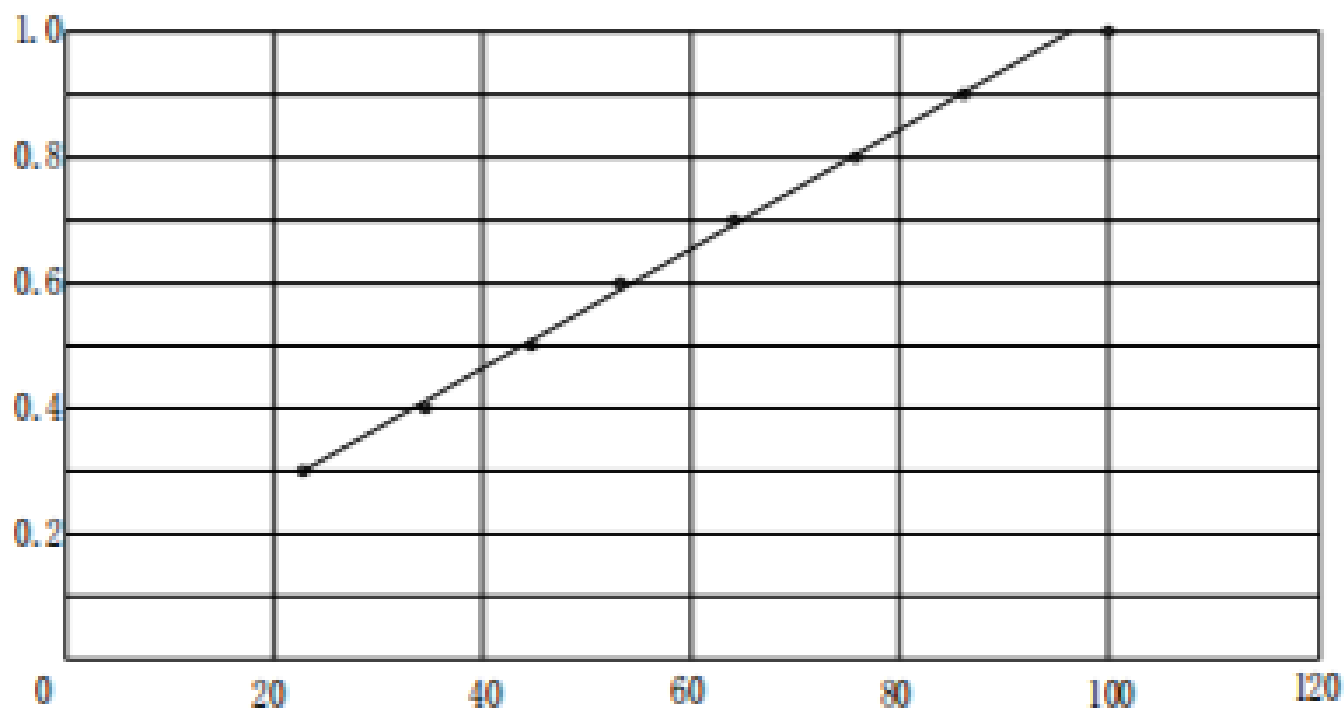


- Model:SEN-HZ41WA
- 1.Pluse signal output
- 2. Material: POM
- 3.Installation: any direction

III. Characteristic for flow range

1. Instant flow Pulse characteristics: $F=[89Q] \pm 10\%$ (Just for your reference)

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



Flow characteristics laboratory measured parameters comparison table

L/min	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	1.0L	Pulse (Hz)
Pulse	22.73	34.48	44.64	53.19	64.10	75.76	86.21	100.0	

II. Technical parameters:

Temperature	water normal temp. $\leq 60^{\circ}\text{C}$		
Operating voltage range	3V:1.8-5.5V	5V:2.2-18V	24V:4.5-26.4V
Rated voltage/current	DC3V, $\leq 10\mu\text{A}$	DC5V, $\leq 10\text{mA}$	DC5V, $\leq 10\text{mA}$
Output voltage Duty cycle 50%	rated voltage $<$ DC5V, high level above: $V_{cc}-0.2\text{V}$, low level below: 0.2V rated voltage \geq DC5V, high level above: $V_{cc}-0.5\text{V}$, low level below: 0.5V		
Insulated resistor	$>100\text{ M}\Omega$		
Electrical strength	AC500V, 50Hz		
Flow range	0.25-3L/min		
Pressure performance	$\leq 1.75\text{Mpa}$		

IV. Instruction:

- 1.In order to avoid particles, debris into the sensor, the sensor inlet must be installed filter.
 - 2.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.
 - 3.When a magnetic material or a material which generates magnetic is close to the sensor, the characteristic may change.
 - 4.Do not open the flow sensor to prevent damage, where unauthorized dismantling of the flow sensor are not in the scope of the warranty.
 - 5.Not used the structure of the sensor for direct replacement may have discomfort, please prompt;
 - 6.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.