

PK468 Shell Type Submersible Pressure Sensor

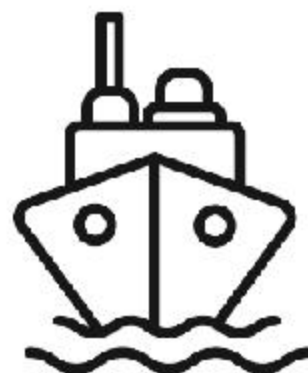
Product Certification



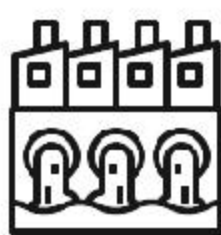
RoHS



Application Scenarios



Shipbuilding



Sewage treatment  
and urban water  
supply system



Liquid level measurement  
and monitoring



Dams and hydraulic  
engineering



Hydrological  
measurement and  
monitoring

Product Features

Range	Accuracy	Sealing	Output Signal	Diaphragm Material	Connection Material
0...300 meters	0.2%FS	IP68	4...20mA 、 0...5V、 0...10V、 Modbus、 HART etc.	Stainless steel 316	Stainless steel 304, stainless steel 316, anti-corrosion materials

Product Description

This product is a shell type submersible type liquid level transmitter, which uses a high-precision and high stability pressure sensor core and undergoes high reliability temperature compensation, ensure high stability. The intrinsic safety and explosion-proof certification ensure adaptability to various complex working conditions, with a sealing level of up to waterproof IP68 and extremely high reliability.

Widely used in shipbuilding, sewage treatment and urban water supply systems, industrial site liquid level measurement and monitoring, dam and hydraulic engineering, and hydrological measurement monitoring, etc.

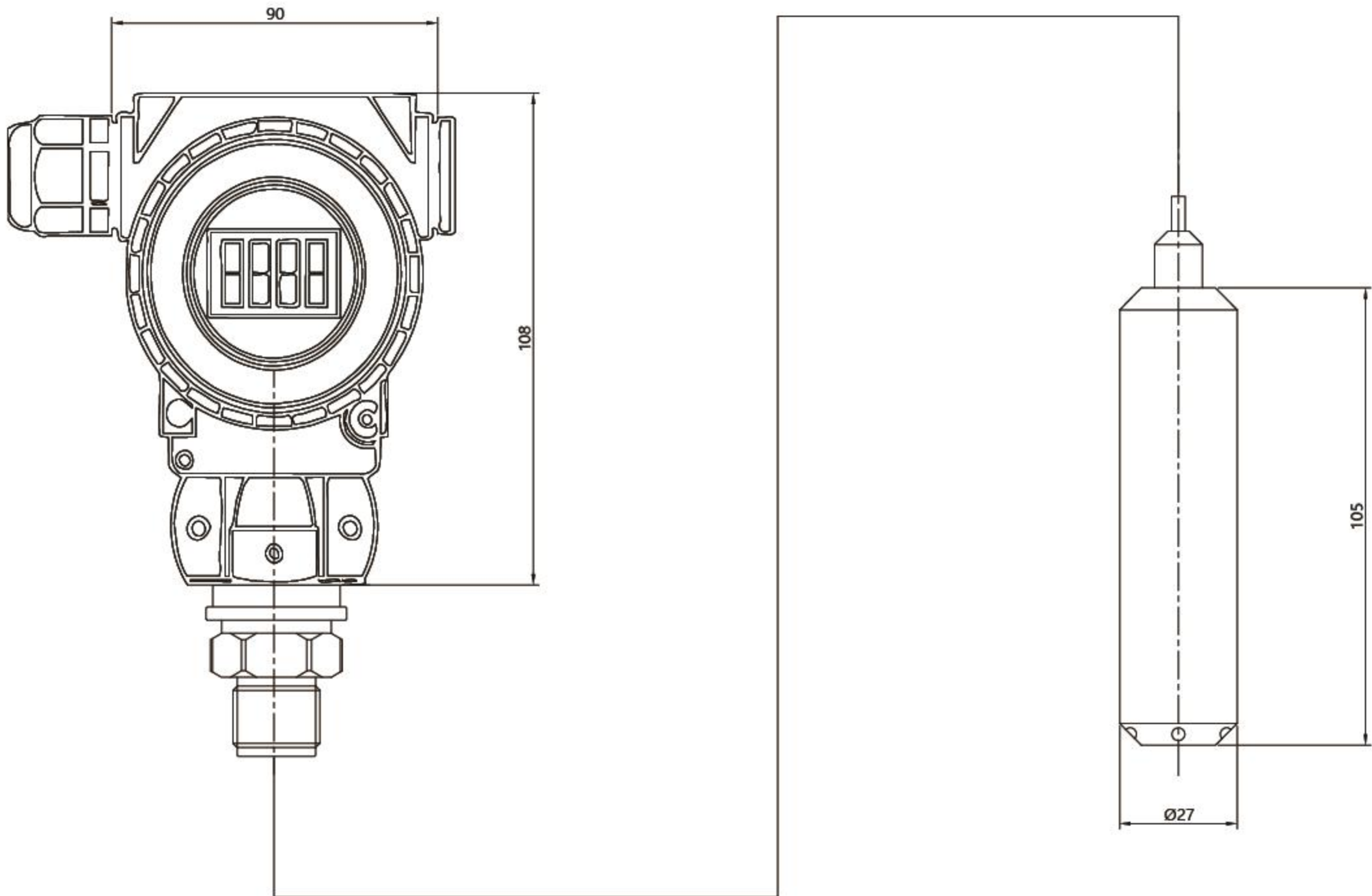
Compact structure, compact installation, stainless steel interface, ensuring long-term stability and durability of the product.



Technical Parameter

Application scenarios	Level measurement
Measurement range	0.... 300 meters
Comprehensive accuracy	0.2%FS
Overpressure	1.5 times
Response time	<5ms (rising to 90% FS)
Medium temperature	-20.....70°C
Operating temperature	-40.....85°C
Supply voltage	DC24V ( 10...30 V DC )
Output signal	4...20mA 、 0...5V、 0...10V、 Modbus、 HART
Sealing level	IP65
Connection material	SS 304, SS 316, anti-corrosion material, Hastelloy, Titanium
Diaphragm material	Stainless steel 316, Hastelloy alloy
Stability performance	0.2% FS/year
Electrical connection	M20、 NPT1/2

Specifications and Dimensions



Certification

- A Common
- B NEPSI Ex ia IIC T4
- C NEPSI Ex d IIC T6
- E NEPSI Ex d ia IIC T6

Shell+Communication interface

- M Aluminum shell+M20 communication interface
- N Aluminum shell+NPT1/2 communication interface
- S All stainless steel housing
- Y Customized

Output

- 1 4-20mA
- 2 4-20mA + Display
- 3 0-10V
- 4 0-10V + Display
- 5 Modbus
- 6 Modbus + Display

Range

- BA 1 meter
- BB 10 meters
- BC 40 meters
- BD 60 meters
- BE 100 meters
- YY Customized

Process connection

- GM M20x1.5
- GN NPT1/2
- GP G1/2
- GR G1
- YY Customized

1020304050

PK468 Shell Type Submersible Pressure Sensor

Selection rules:

Requirements: Explosion proof certification, M20 communication interface, 4-20mA output, 50 meters and G1/2

Select model: PK468-CM1YYGP