

PK408 Submersible Pressure Sensor

Product Certification

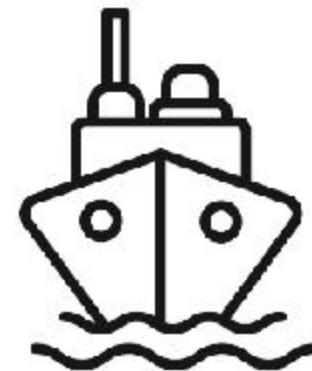


RoHS

Ex ia II C T4 Ga



Application Scenarios



Shipbuilding

Sewage treatment
and urban water
supply systemIndustrial site liquid
level measurement
and monitoringDams and
hydraulic
engineeringHydrological
measurement
and monitoring

产品特性

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

Product Description

This product is a submersible pressure transmitter, which uses a high-precision and high stability pressure sensor core, undergoes high reliability temperature compensation, and has a sealing grade up to waterproof IP68, very reliable for liquid level measurement.

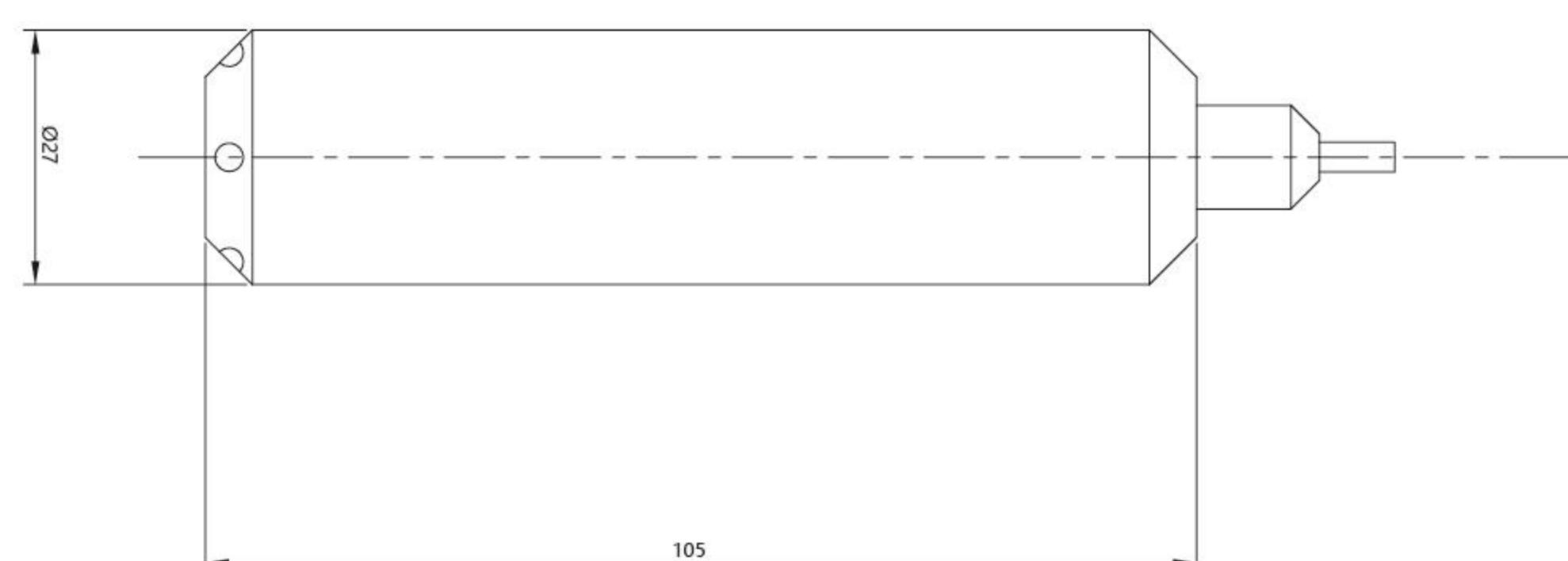
The product uses high-performance conditioning chips and integrated circuits to convert sensor millivolt or milliampere signals into standard voltage, current, or digital signals, which can be directly communicate with upper computer, PLC, various intelligent instruments, and control monitoring platforms.

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

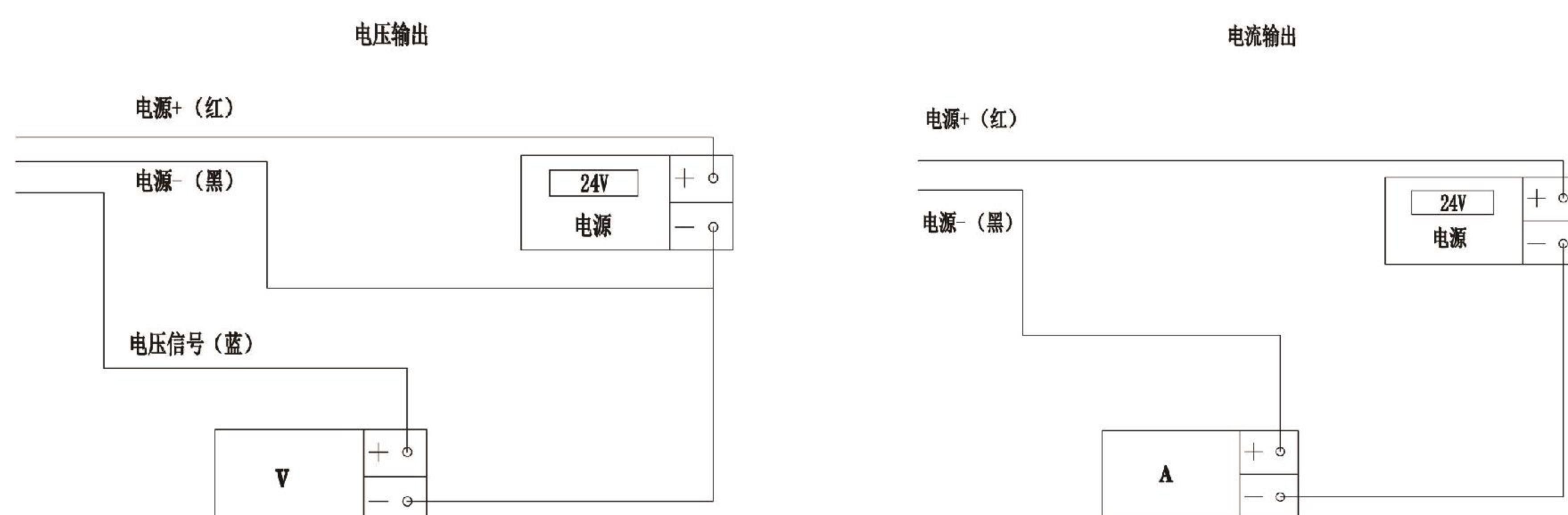
Technical Parameter

Application scenarios	Liquid 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) 、 DC3...5V(I2C)
Output signal	4...20mA 、 0...10V、 Modbus、 HART
Sealing level	IP68
Connection material	SS 304, SS 316, anti-corrosion materials
Diaphragm material	Stainless Steel 316
Stability performance	0.2% FS/year
Electrical connection	Shielded gas conducting wire

Specifications and Dimensions



Electrical Connection



Certification

A Common

B NEPSI Ex ia IIC T4

Shell+Communication interface

E Standard (stainless steel)+waterproof type

Y Customized

	Output	Range
1	4–20mA	BA 1 meter
3	0–10V	BB 10 meters
5	Modbus	BC 40 meters
7	4–20mA Hart	BD 60 meters
D	I2C communication	BE 100 meters
YY		YY Customized

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PK408 Submersible Pressure Sensor**Selection rules:**

Requirements: liquid level measurement, 4-20mA output, 5 meters

Select model: PK408-AY1YY