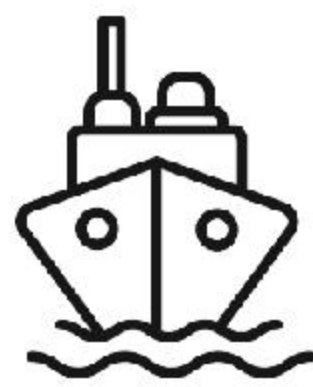


# PK408 Submersible Pressure Sensor

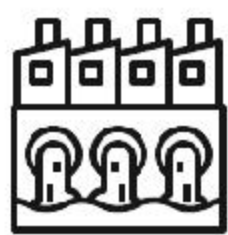
## Product Certification



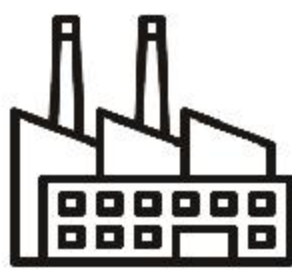
## Application Scenarios



Shipbuilding



Sewage treatment and urban water supply system



Industrial site liquid level measurement and monitoring



Dams and hydraulic engineering



Hydrological 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.

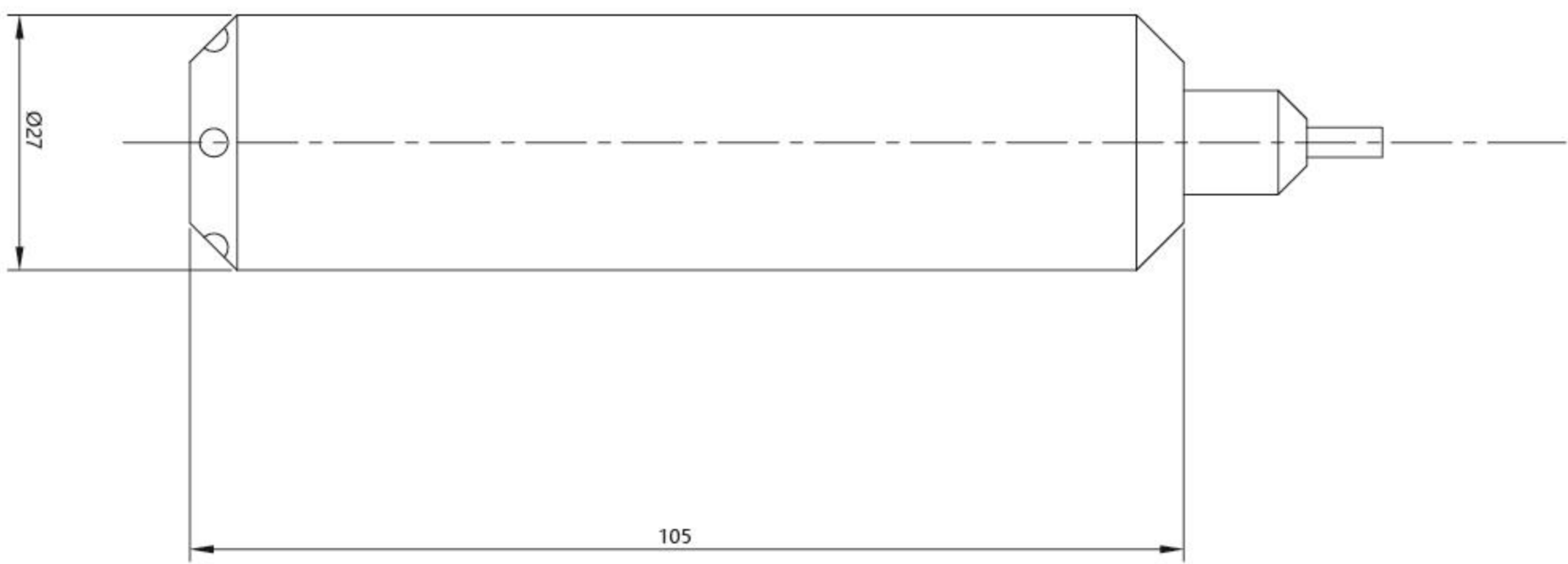
Widely used in shipbuilding, sewage treatment and urban water supply systems, industrial site liquid level measurement and monitoring, dam and hydraulic engineering, and hydrological measurement etc. Compact structure, compact installation, stainless steel interface, ensuring long-term stability and durability of the product.



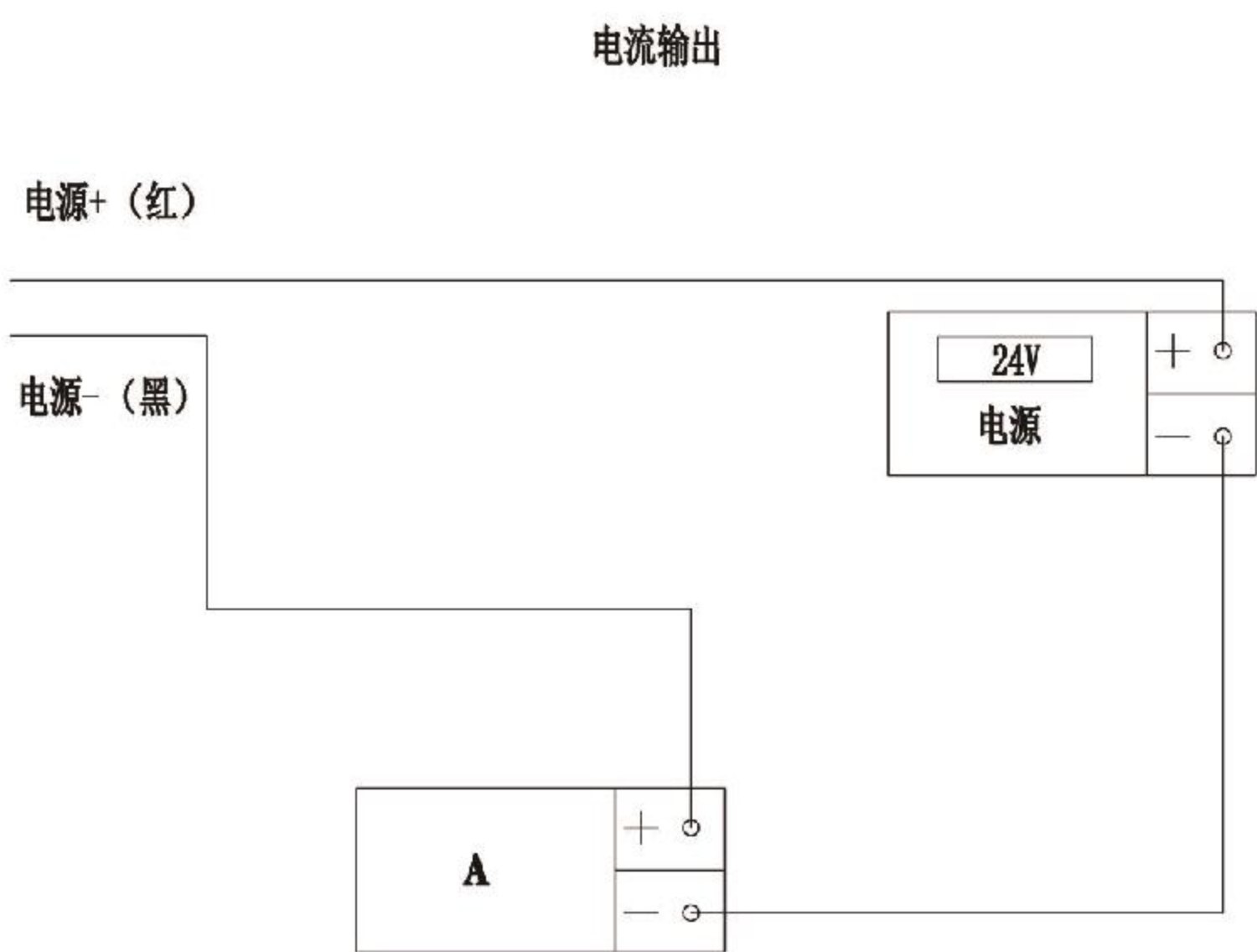
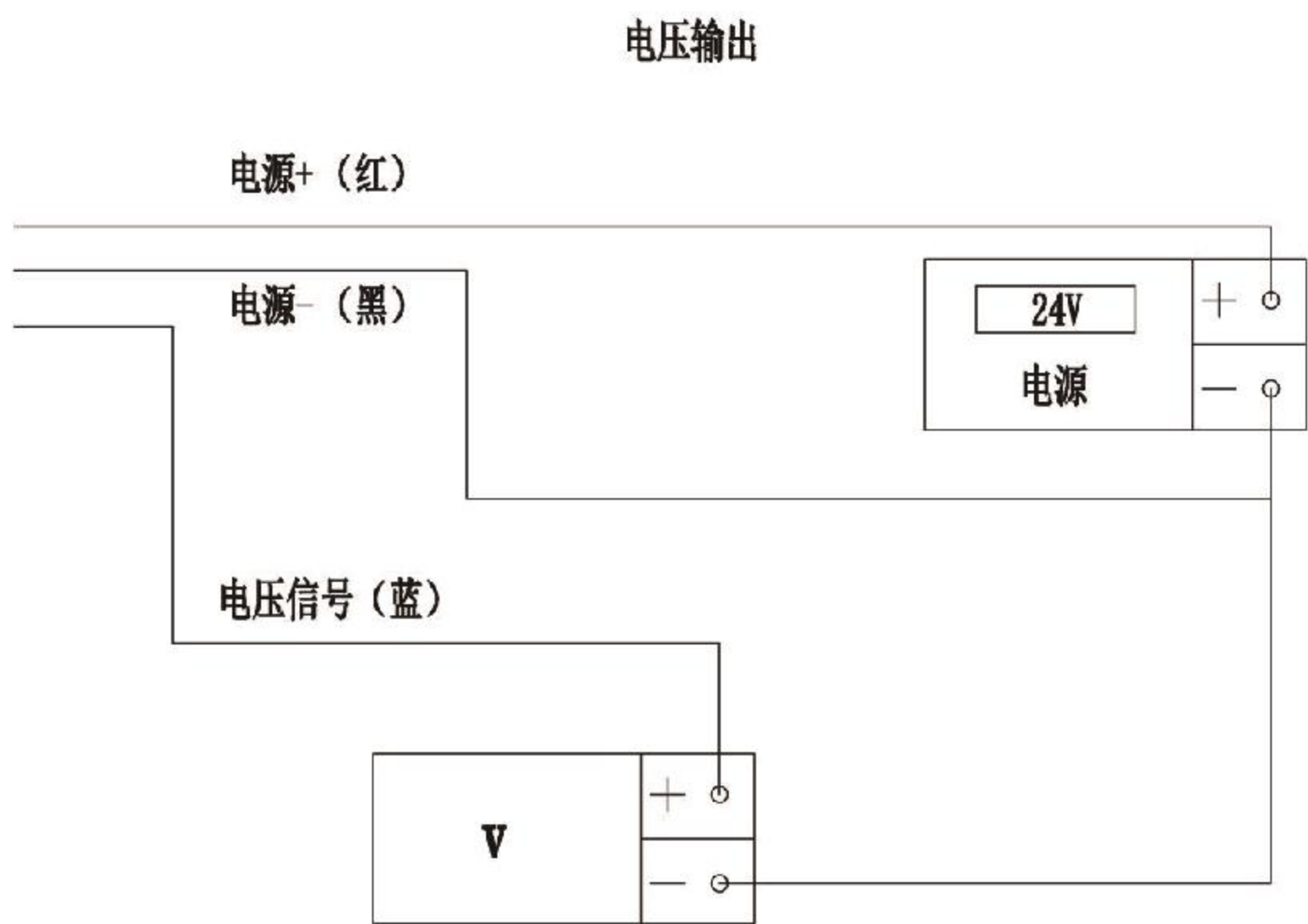
Technical Parameter

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

1 4-20mA

3 0-10V

## 5 Modbus

7 4-20mA Hart

### D I2C communication

## Range

BA 1 meter

BB 10 meters

BC 40 meters

BD 60 meters

BE 100 meters

YY Customized

10

20

30

40

## PK408 Submersible Pressure Sensor

Selection rules:

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

Select model: PK408-AY1YY