

# Level Transmitter

Model: PT124B-224

(corrosive-resistance Immersion type)



## Description

PT124B-224 Series is immersion type corrosive-resistance Lever sensor, it can convert various changeable level high into standard current signal, so as to transferring to the operating control room and so as for Instrument's or computer device's converging display, alarm or auto-control.

This level sensor can be used for detecting the level of various strong corrosive liquid. The probe and cable of the level sensor adopt Teflon, it can directly deep into the container to sense the changes of the liquid level, the transmitter adopts full solidified and sealed module structure. It's advantages are stronger anti-corrosive, strong acidity or alkaline liquid ,petroleum, metallurgy, Hydraulic, Chemical liquid ,simply structure, easy to install, versatility .

## Application

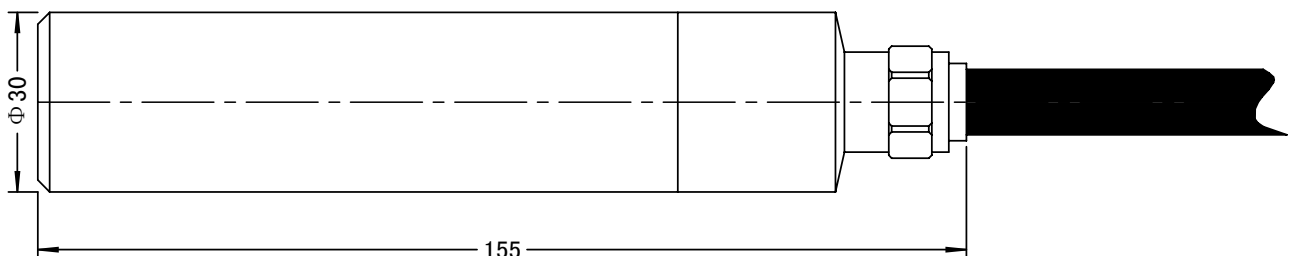
- ◆ Liquid level measuring
- ◆ Building automation, constant pressure water supply
- ◆ Metallurgy, machine, Environmental Protection
- ◆ Medical treatment, marine , seawater
- ◆ strong acidity or alkaline liquid ,petroleum, metallurgy
- ◆ Hydraulic, Chemical liquid city water supply,
- ◆ sewage treatment, hygrometry and etc.

## Feature

- ◆ Wide measuring ranges
- ◆ Corrosion Proof, moist proof, frost proof, seepage prevention
- ◆ Various signal output for industrial standard, flexible calibration
- ◆ High accuracy, good stability
- ◆ Immersion type , easy install



## Dimenson



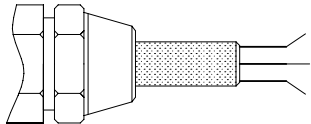
Remarks:

The dimensions only for you reference, and you can choose other electrical connector and process connector.

## Specification

Pressure Range:	0...1mH <sub>2</sub> O to 0...50mH <sub>2</sub> O
Output:	4-20mA (2 Wire), 0-5V, 0-10V (3 Wire)
Power Supply:	24(12~36)VDC
Accuracy	0.25%FS ; 0.5%FS(Including Linearity ,Repeatability & Hysteresis)
Overload :	150%FS
Response Time:	<10ms
Long Time Stability:	≤+/- 0.2%FS/ Y
Repeatability:	≤+/- 0.2%FSO
Housing material	SS316L , F4 optional
Vented cable material	Teflon
Operation Temperature:	-10~80°C
Compensated Temperature:	0~70°C
Process Connection	Submersion type/ threw -in type
Housing Shell Material:	Stainless steel housing SS304 , SS316L .
Cable Material:	Polyethylene , Polyurethane , Teflon
Electric Connector:	Vented Cable
Protection Class:	IP68

## Electric Connection Mode

Electric connector	Output: 4-20mA		Output: 0-10V, 0-5V	
	Function	Color	Function	Color
	E+	Red	E+	Red
	S+	Black	S+	Blue
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## Ordering Guide

Model	Range(mH <sub>2</sub> O)	Output	Cable length	Other requirement
PT124B-224	---	---	---	---
Example: PT124B-224-10m H <sub>2</sub> O -4/20mA-12m cable				

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