

Industrial Pressure Transmitter

Model: PT124B-213



Description

PT124B-213 adopts ceramic or diffused silicon sensor chip, with stainless steel encapsulation, smart figure. This series is especially suitable in the occasion where installation space is restricted and has the feature of wide range temperature compensation, high accuracy, non-calibration, wide range, and OEM Process. This model has wide application in hydraulic pressure, auto-controlling house, constant pressure water supply, loading machine, and liquid pressure measuring and controlling in automatization fields.



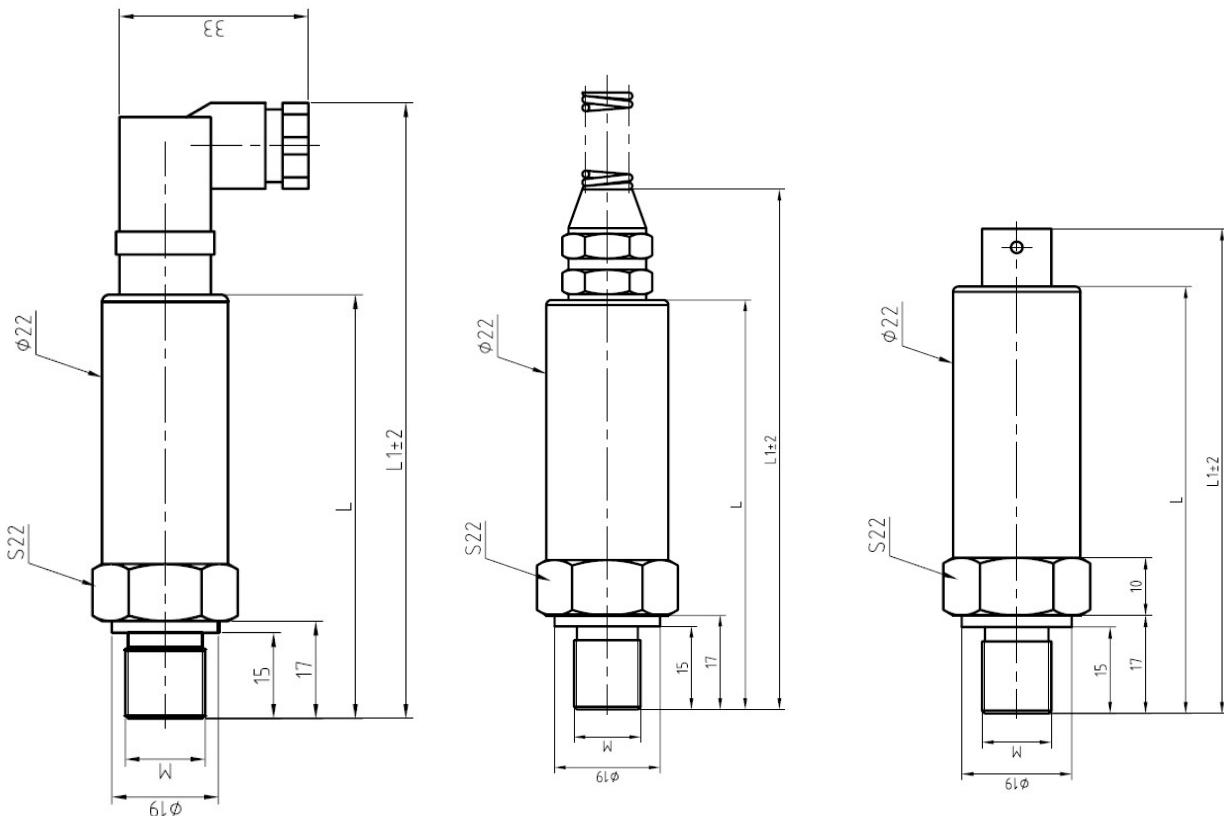
Application

- ◆ Mechanical Engineering Industry
- ◆ Hydraulic and level measurement
- ◆ Gas tank pressure monitoring
- ◆ Industrial test and control
- ◆ General industrial applications

Feature

- ◆ Various industrial standard signal output
- ◆ Various electrical connector available
- ◆ Certain stock for shortening delivery time
- ◆ High accuracy, free of calibration
- ◆ compact dimension design

Dimension



Specification

Range:	-1~0~160MPa
Accuracy:	0.5%FS
Nonlinearity:	0.2%FS
Reliability:	0.2%FS
Output:	4-20mA (2 Wire) ,0-5V, 0.5-4.5V
Input voltage:	24(8-36V)DC
Operat Temperature:	-20~80℃
Compensated temprature:	0~75℃
Overload pressure:	150%FS
Medium material:	316 stainless steel
Electric connector:	Min DIN, M12, Bendix connector, cable, Etc (Customer design)
Process connector:	G1/4, G1/2, 1/2NPT, 1/4NPT, M12*1.5 (Customer design)

Electric Connection Mode

Electric connector	2 wire(4-20mA)			3 wire (0-10V, 0-5V, 0.5-4.5V)		
Hirschman 	Pin	Function	Color	Pin	Function	Color
	1	E+/S+	Red	1	E+	Red
	2	E-/S-	Black	2	S+	Blue
	3	---	---	3	E-/S-	Black
M12,4Pin 	Pin	Function	Color	Pin	Function	Color
	1	E+	Brown	1	E+	Brown
	2	---	---	2	---	---
	3	S+	Blue	3	S+	Blue
	4	---	---	4	E-/S-	White
Cable 	Function	Color	Function	Color		
	E+	Red	E+	Red		
	S+	Black	S+	Blue		
	---	---	E-/S-	White		

Ordering Guide

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-213	---	---	---	---	---
Example: PT124B-213-50Bar-4/20mA-G1/2-Hirschmann					

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