

# Industrial Pressure Transmitter

Model : PT124B-212 (High accuracy)



## Description

PT124B-212 series high precision pressure transmitters has been specially designed to cover the majority of industrial applications where need high accuracy measuring. Compact design and robust construction make these instruments suitable for all application in machine construction, process control, laboratory or quality and materials testing equipment.



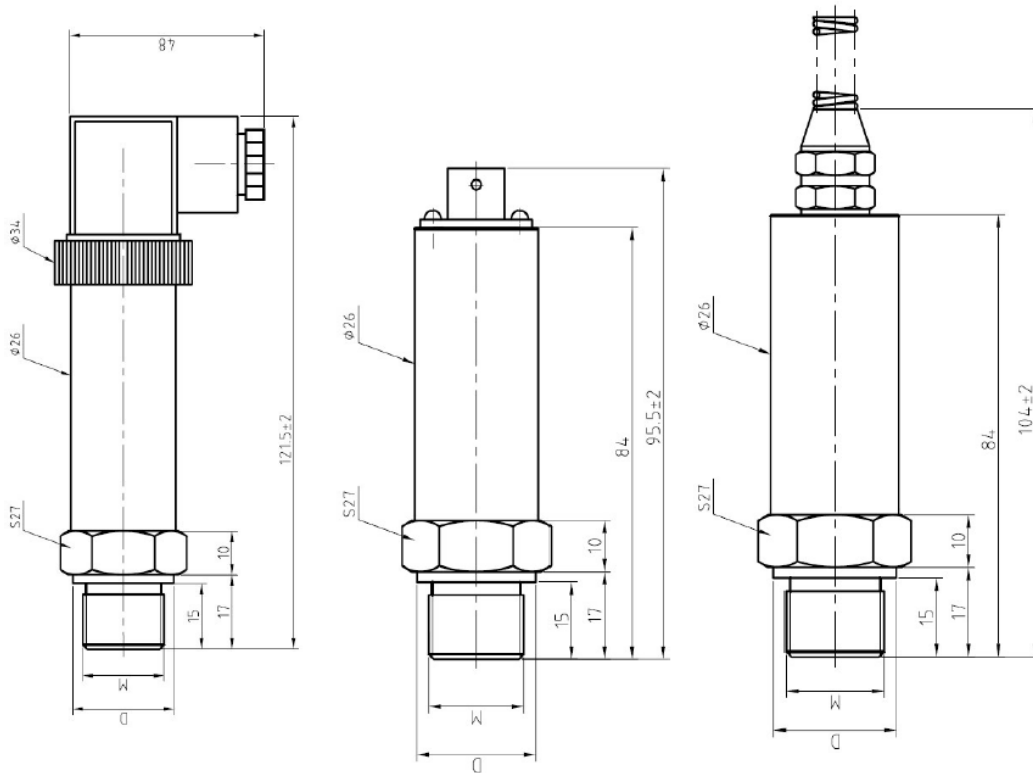
## Application

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

## Feature

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


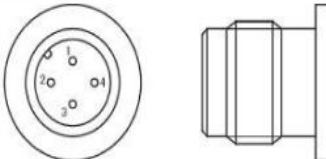
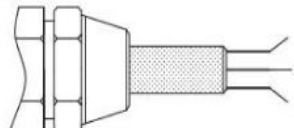
## Dimension



**Specification**

Range:	-1~0~200MPa
Accuracy:	0.25%FS
Nonlinearity:	Full range x 0.2%
Reliability:	Full range x 0.05%
Output:	4-20mA ( Two wire ) , 0-5V, 0-10V ( Three wire )
Input voltage:	24(12~36)VDC
Operating Temperature:	-40~80°C
Compensated temp:	0~70°C
Overload pressure:	150%FS
Medium material:	stainless steel or Hardening Aluminum
Electric connector:	Hirschman ( DIN ) , M12 & 4 PIN, Bendix connector, cable, etc ( Customer design )
Process connector:	G1/4, G1/2, 1/2NPT, 1/4NPT, M12*1.5 etc ( Customer design )

**Electric Connection Mode**

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

**Ordering Guide**

Model	Range(bar)	Output	Screw Thread	Electric Connection	Other Requirement
PT124B-212	---	---	---	---	---
Example: PT124B-212-50Bar-4/20mA-G1/2-Hirschmann					