

Industrial Pressure Transmitter

Model: PT124B/G-210 (Strain gauge)



Description

PT124B/G-210 series of pressure transmitters is the standard type , adopt strain gauge sensor chip technology , which suitable high pressure range , has been carefully designed to cover the majority of industrial applications with instruments readily available from stock. 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 applications

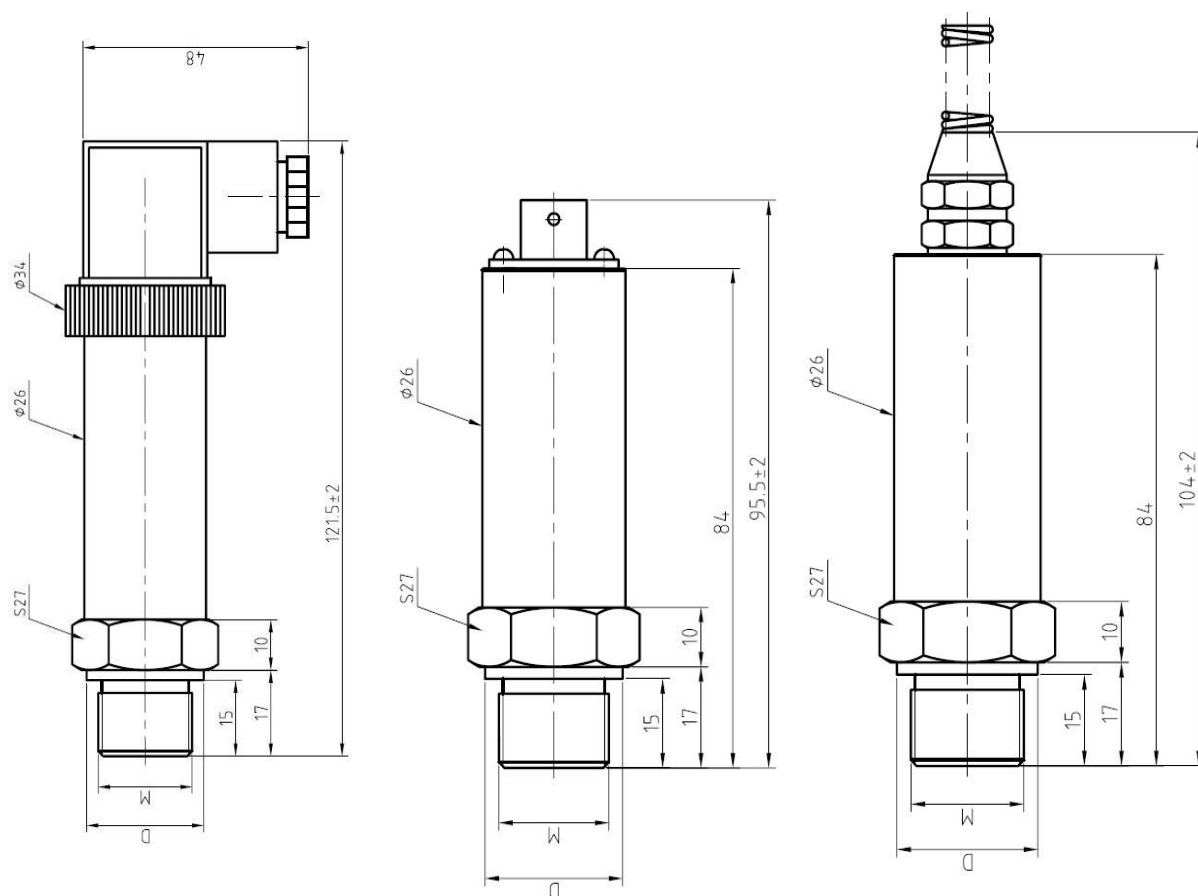
Feature

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

Specification

Range:	0-50bar~6000bar
Accuracy:	0.5%FS; 1%FS
Nonlinearity:	0.2%FS
Reliability:	0.2%FS
Output:	4-20mA,0-10V, 0-5V, 0.5-4.5V (PT124B-210) ; 1.5mV/V , 2mV/V (PT124G-210) Optional
Input voltage:	24VDC (4-20mA,0-10V, 0-5V output) 5 V DC (0.5-4.5V output) 10V DC (1.5mV/V , 2mV/V output) Optional
Operate Temperature:	-20~80℃
Compensated temperature:	0~75℃
Overload pressure:	150%FS
Medium material:	stainless steel (SS304 or SS316)
Electric connector:	Hirschman(DIN), M12(4pins) , 5pins , gland cable, direct cable optional
Process connector:	G1/4, G1/2, 1/2NPT, 1/4NPT, M12*1.5 (Customer design)
Housing Shell Diameter:	Φ 22mm, Φ 23mm , Φ 26mm , Φ 38mm optional

Dimension



Remark:

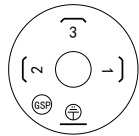
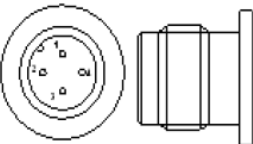
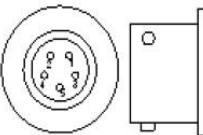
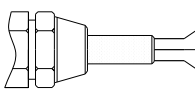
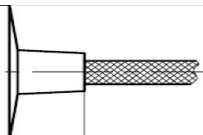
The standard accuracy is 0.5%, and size diameter is 26mm ,if you need special ($\phi 22$ mm, $\phi 23$ mm , $\phi 26$ mm, $\phi 38$ mm),when order ,please mention it , and we will send you the drawing to confirm .

Ordering Guide

with * are required, with --- is optional

Model	Range (bar)	Output	Screw Thread	Electric connection	Accuracy	Diameter (mm)	Other requirement
PT124B/G-210	*	*	*	*	*	*	---
Example: PT124B-210-60Bar-4/20mA-G1/2-Hirschmann-0.5%-26							

Electric Connection & wiring code

Electric connector	2 wire (4-20mA)			3 wire (0-10V, 0-5V, 0.5-4.5V)			5 wire (1.5mV/V,2mV/V)		
Hirschman (DIN)  Suitable ϕ 22, ϕ 26 , ϕ 38	Pin	Function	Color	Pin	Function	Color	Pin	Function	Color
	1	E+/S+	Red	1	E+	Red	1	---	---
	2	E-/S-	Black	2	S+	Blue	2	---	---
	3	---	---	3	E-/S-	White	3	---	---
M12,4Pins  Suitable ϕ 22, ϕ 26 , ϕ 38	Pin	Function	Color	Pin	Function	Color	Pin	Function	Color
	1	E+	Brown	1	E+	Brown	1	---	---
	2	---	---	2	---	---	2	---	---
	3	S+	Blue	3	S+	Blue	3	---	---
5 Pins  Suitable ϕ 22, ϕ 26 , ϕ 38	Pin	Function	Color	Pin	Function	Color	Pin	Function	Color
	1	S+	Black	1	S+	Blue	1	S+	Blue
	2	E+	Red	2	E+	Red	2	E +	Red
	3	---	---	3	E-/S-	Black	3	S -	White
	4	---	---	4	---	---	4	E -	Yellow
Gland Cable  Suitable ϕ 22, ϕ 26 , ϕ 38	Function	Color	Function	Color	Function	Color			
	E+	Red	S +	Blue	S+	Blue			
	S+	Black	E +	Red	E +	Red			
	---	---	E-/S-	Yellow/White	S -	White			
	---	---	---	---	E -	Yellow			
	---	---	---	---	C	Black			
Direct cable  Suitable ϕ 23	Function	Color	Function	Color	Function	Color			
	E+	Red	S +	Blue	S+	Blue			
	S+	Black	E +	Red	E +	Red			
	---	---	E-/S-	Yellow/White	S -	White/White			
	---	---	---	---	E -	Yellow			
	---	---	---	---	C	Black			

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