

Pressure Transmitter Data Sheet

Industrial Pressure Transmitter

Model: CMPT124B-218

Introduction

◆ CMPT124B-218 series of pressure transmitters with has been carefully designed to cover the majority of industrial applications with instruments readily available from stock. For application with higher temperature requirements an integrated cooling element enables medium temperature up to 150 °C . 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

Features

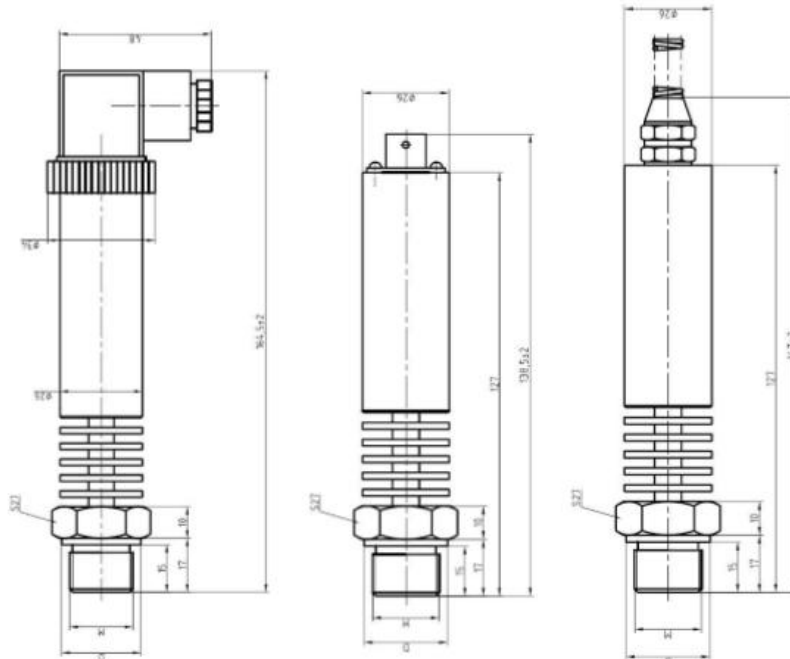
- ◆ Various industrial standard signal output
- ◆ Various electrical connector available
- ◆ Certain stock for shortening delivery time
- ◆ High accuracy, free of calibration
- ◆ compact dimension design



RoHS




Dimensions(mm):



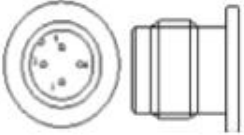
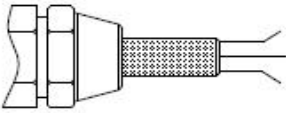
Remark: Above dimensions only for you reference and we can tailor the appearance follow the customer' s requirement.

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Technical Characteristics	
Model	CMPT124B-218
Range	0....1000bar
Accuracy	0.5%FS
Nonlinearity	0.2%FS
Reliability	0.05%FS
Output	4-20mA (2 Wire) , 0-5V; 0.5-4.5V (3 wire)
Input voltage	24(12~36)VDC
Operating temperature	-20~150°C
Compensated temperature	0~70°C
Overload pressure	150%FS
Medium material	stainless steel or Hardening Aluminum
Electric connection	Hirschman (DIN) , M12,4pin, Bendix connector, cable, etc (Customer design)
Process connection	G1/4, G1/2, 1/2NPT, 1/4NPT, M12*1.5 (Customer design)

Electric Connection & wiring code						
Electric connector	2 wire (4-20mA)			3 wire (0-10V,0-5V, 0.5-4.5V)		
	Pin	Function	Color	Pin	Function	Color
Hirschman (DIN)  Suitable $\varnothing 22, \varnothing 26, \varnothing 38$	1	E+/S+	Red	1	E+	Red
	2	E-/S-	Black	2	S+	Blue
	3	-----	-----	3	E-/S-	White

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M12,4Pins  Suitable ϕ 22, ϕ 26, ϕ 38	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
Gland Cable  Suitable ϕ 22, ϕ 26, ϕ 38	Function		Color	Function		Color
	E+		Red	S+		Blue
	S+		Black	E+		Red
	---		----	E-/S-		White

Ordering Guide							
Model	Range (bar)	Output	Screw Thread	Electric connection	Accuracy	Diameter (mm)	Other requirement
CMPT124B-218	*	*	*	*	*	*	---
Example: CMPT124B-218-50Bar-4/20mA-G1/2-Hirschmann							