

Pressure Transmitter Data Sheet

CMPT124B/G-213 (Ceramic sensor)

Introduction

- ◆ CMPT124B/G-213 adopts ceramic sensor chip, with stainless steel encapsulation, 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.
- ◆ CMPT124G-213 welding a amplification circuit will be change to CMPT124B-213 , the Analog signal output can connect with PLC directly .

Application

- ◆ Mechanical Engineering Industry
- ◆ Industrial test and control
- ◆ Pump and compressors
- ◆ HVAC

Features:

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



RoHS


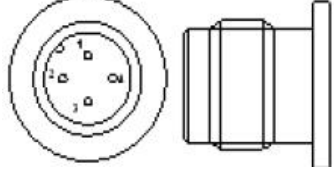
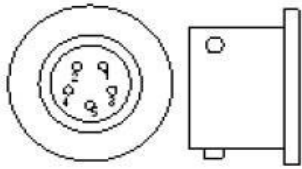
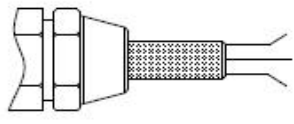
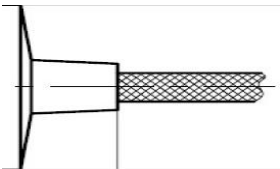


Technical Characteristics

Model	CMPT124B/G-213
Range	0~5bar~50bar (0 - 5000Kpa)
Accuracy	0.5%FS; 0.25%FS
Nonlinearity	0.2%FS
Reliability	0.2%FS
Output	4-20mA,0-10V, 0-5V, 1-5V, 0.5-4.5V (PT124B-213) ; 1.5mV/V , 2mV/V (PT124G-213)
Input voltage	24 (12-36) VDC (4-20mA,0-10V, 1-5V, 0-5V output) 5 V DC (0.5-4.5V output) 10V DC (1.5mV/V , 2mV/V output)
Operate Temperature	-20~80°C
Compensated temperature	0~75°C

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Electric Connection & wiring code

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