

Pressure Transmitter Data Sheet

Industrial Pressure Transmitter

Model: CMPT124B-2088 (Diffused Silicon)

Introduction

The CMPT124B-2088 gauge and absolute pressure transmitter has a compact and lightweight design that makes it extra user-friendly. The transmitter features Local Operator Interface (LOI), which has in-built configuration buttons, as well as easy-to-use menus that facilitate easy commissioning on the spot. The pressure transmitter is provided in protocols 1-5 V DC and 4-20 mA HART, which allows flexibility for low power applications. The transmitter can be availed with remote seals, and manifolds.

Application

- ◆ Hydraulic measurement
- ◆ Water conservancy and electrical power
- ◆ Petrochemical industry
- ◆ Metallurgy, power
- ◆ Paper making

Features:

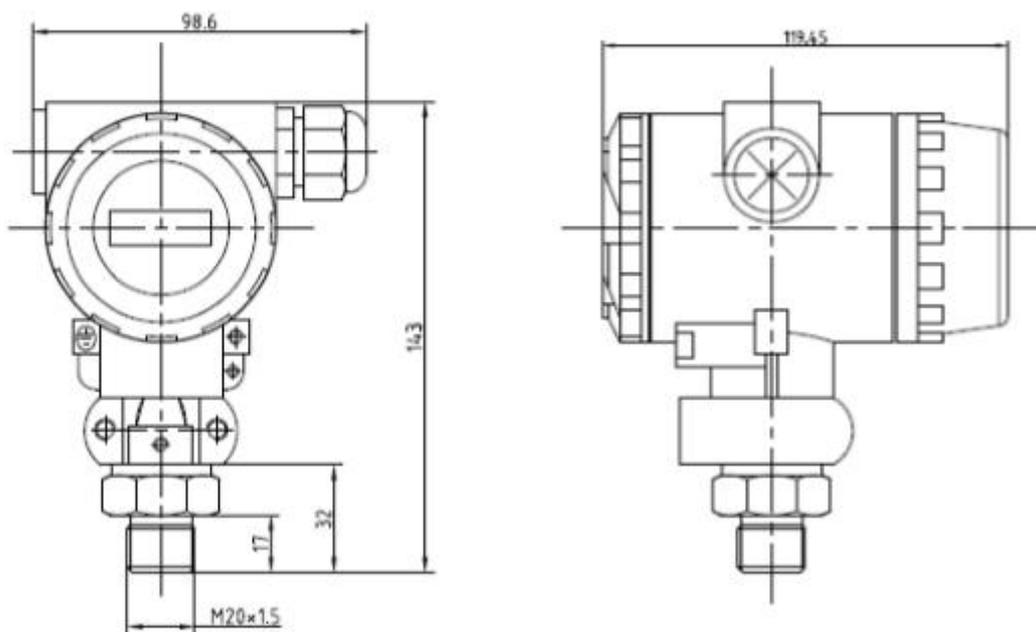
- ◆ Stainless steel sealed construction
- ◆ Intrinsically safe
- ◆ Protection class:IP65
- ◆ Corrosion-resistance, with LCD display
- ◆ Wide temperature compensation
- ◆ High accuracy



RoHS



Dimensions(mm):



Remark:

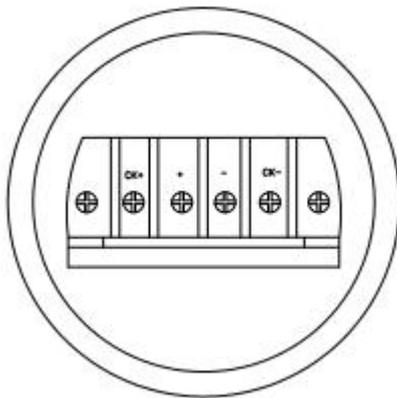
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Remarks: Above dimension only for reference, we can tailor the product as you required.

Technical Characteristics

Model	CMPT124B-212
Range	0~50KPa~35MPa
Accuracy	0.2%FS; 0.5%FS
Output signal	4-20mA, HART, RS232, RS485 optional with external supply
Response time	<5ms
Over pressure	150%FS
Burst pressure	300%FS
Input voltage	Battery or external supply 24VDC 2 wire
Current	10uA~15uA
Operating temperature	-20°C~80°C
Temperature compensation	0°C~65°C
Explosion class	ExibII CT4
Life of the battery	2 year
Electric connector	Terminal Block
Process connector	G1/2, M12, M20x1.5 (optional)

Wring Code



Button Function: There are 3 button on the panel, “<”, “▲”, “>”. Press “<” and “>” at same time to the calibration. Press “▲” for confirmation. Single press” >” for zero.

Wiring connector : 1, Terminal “CK+”: Power supply 2, Terminal “ CK- ”: Signal output 3, Terminal “-“ and “CK-“ for short contact Button



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Ordering Guide

Model	Range (bar)	Output	Screw Thread	Electric connection	Accuracy	Diameter (mm)	Other requirement
PT124B-2088	*	*	*	*	*	*	---
Example:PT124B-2088-100bar-4/20Ma-G1/2-Direct shield cable							

