

Pressure Transmitter Data Sheet

Industrial Pressure Transmitter

Model: CMPT124G-211

Introduction

The PT124G-211 pressure transducer adopt micro fused Technology. Firing the strain gauge with high temperature micro fused technology under 500 °C high temperature on stainless steel 17-4PH transducer elastomer, which will make out electrical signal after shape changing. Amplified by the microprocessor digital compensation amplifying circuit, full intelligent temperature compensated with digital software. Standard purification production process and parameter strictly controlled, to avoid the affect of the temperature, humidity and mechanical fatigue. With the features of high frequency response and widely operating temperature makes sure the long term stability of the pressure transducers in harsh environments.

Application

- ◆ Pumps and Compressors
- ◆ Hydraulic/Pneumatic Systems
- ◆ Automotive Test Systems
- ◆ Energy and Water Management
- ◆ Agriculture - Sprayers and Dusters
- ◆ Refrigeration – Freon and Ammonia Based
- ◆ General Pressure Measurements

Features:

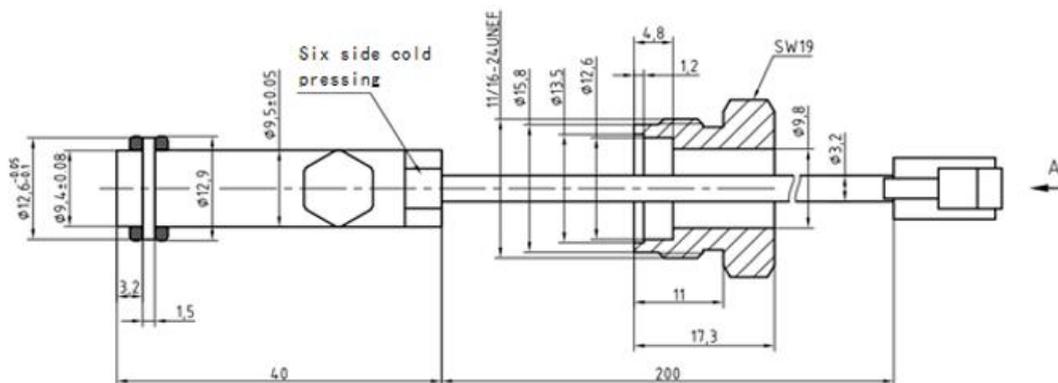
- ◆ One Piece Stainless Steel Construction
- ◆ medium to high volumes from 6bar to 6000bar
- ◆ Better than 0.5% combined error
- ◆ mV or Amplified or Voltage Outputs
- ◆ Wide Operating Temperature Range



RoHS



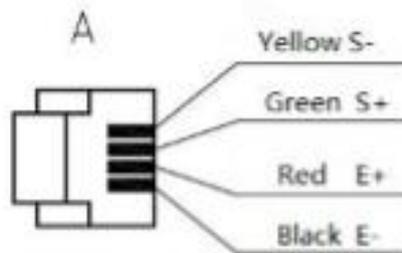
Dimensions(mm):



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Technical Characteristics	
Model	CMPT124G-211
Range	0-7000psi
Accuracy	0.5%FS
Zero Offset	+/-3mV
Span Output	0-118mV +/-3mV
Input voltage	5VDC
Input resistance	<9KΩ
Output resistance	2~6KΩ
Material	17-4PH
Insulation resistance	>100mΩ@250V DC
Operating temperature	-20~100°C
Compensated temperature	0~55°C
Overload pressure	200%FS
Electric connector	4P4C Registered jack
Process connector	11/16-24UNEF

Electric Connection & wiring code



Ordering Guide

Model	Range (bar)	Output	Screw Thread	Electric connection	Accuracy	Diameter (mm)	Other requirement
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PT124G-211	*	*	*	*	*	*	---
Example: PT124G-211-3000psi-118mV-11/16-24UNEF-4P4C-0.5%-Φ9.5							

