

PT211 SERIES PRESSURE TRANSDUCER

FEATURES

- ◎ Various range 0~1000bar/0~15,000psi
- ◎ Various electrical connection
- ◎ High Accuracy 0.25%,0.5%FS
- ◎ Output signal 2.0mV/V,3.0mV/V,3.33mV/V etc
- ◎ Various types piezoresistive, ceramic, strain gauge etc



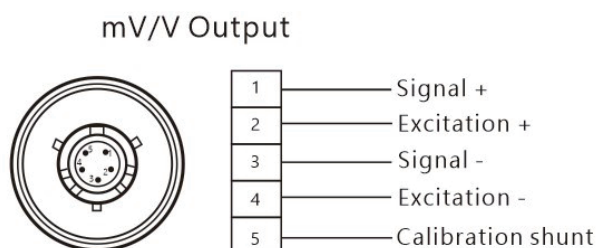
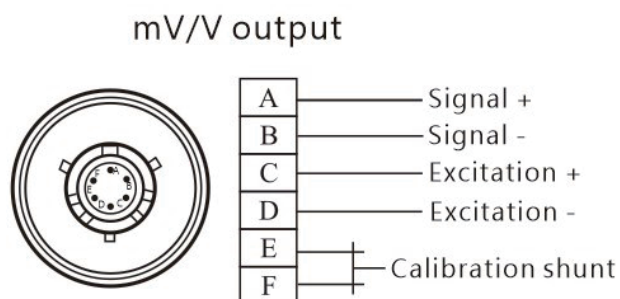
INTRODUCTION

PT211 Series pressure sensors are flexible for various requirements on customized sizes, sensing elements, electrical connection and mechanical connection etc, these sensors can be used in applications requiring long-distance signal transmission or in smart control systems. It's designed mainly to measure pressure in oil, air, and hydraulic circuits. They can also be used in the technical and process measurement application as well as for compressors, presses and mobile hydraulic.

SPECIFICATIONS

Display	0~2MPa to 100MPa/ 0~20bar to 1000bar/ 0~300psi to 15,000psi
Media temperature	2.0mV/V,3.0mV/V,3.33mV/V
Power supply	6~12VDC
Output signal	G1/4",G1/2",1/4"NPT,1/2-20UNF,other sizes on request
Overload pressure	5PIN, 6PIN
Response time	<10MPa: -10~70, ≥ 10MPa: -20~80°C
Display	<10MPa:200%, ≥ 10MPa:150%
Media temperature	≤ 1ms
Temperature compensation	-40°C ~80°C
Accuracy	0.25%FS, 0.5%FS, 1.0%FS

ELECTRICAL CONNECTION



ORDER FORMAT

PT2115 - 10M - 1/4NPT - 3.0mV/V - H

Electrical connection	Model
5pin	PT2115
6pin	PT2116

Pressure range	Code
0~35bar/0~500psi	35B/500P
0~50bar/0~750psi	50B/750P
0~100bar/0~1500psi	1CB/1M5
0~200bar/0~3000psi	2CB/3M
0~350bar/0~5000psi	3.5CB/5M
0~500bar/0~7500psi	5CB/7M5
0~700bar/0~10000psi	7CB/10M
0~1000bar/0~15000psi	10CB/15M
0~1500bar/0~20000psi	15CB/20M
0~2000bar/0~30000psi	20CB/30M

Accuracy	Code
0.5%FS(Standard)	Null
0.25%FS	H
1.0%FS(For small range)	L

Code	Output signal
3.33mV/V	3.33mV/V
3.0mV/V	3.0mV/V
2.0mV/V	2.0mV/V

Code	Process connection
G1/2	G1/2"
G1/4	G1/4"
G3/4	G3/4"
1/2NPT	1/2NPT
1/4NPT	1/4NPT
1/2	1/2"-20UNF
Other size on request	