

# Economical ceramic piezoresistive pressure transmitter



- **Product Type** : CS-PT1200
- **Product Price** :
- **Measuring range** : 2bar.....600bar
- **Applications** : compressor/Building Water Supply/Hydraulic Control/Air Conditioner
- **Compliant** : CE, Intrinsically safe E, Explosion-proof D

## Introduction

CS-PT1200 series of pressure transmitter feature high quality, high stability, small size, low weight, compact structure, low cost and mass production. The product are widely used to measure pressure of air compressor, auto engine, air conditioning equipment, etc.

Stainless steel are ideal for industrial environment, pressure sensor element are selected from well known international brands,The product is made of stainless steel and the pressure sensor is selected from well-known brands. Special circuits are adopted to adjust zero value and full range freely. The products have been approved with CE, intrinsically safe, and explosion-proof certificates.

Non-polar two-wire current output and three-wire voltage output are provided.

Products are produced according to military standards of advanced design, perfect technology, scientific management, strict production and quality control and have been sold to over 50 countries.

**Technical parameters**

Parameter	Value		Note
Measure range	2bar.....600bar		1bar≈100kPa
Overload Pressure	1.5×RP(rated pressure)		
Broken Pressure	3×RP(rated pressure)		
Accuracy	±0.5、±1%F.S		
Stability	Typical ±0.5%F.S,	Max ±1%F.S	
Operate Temperature	-40°C~100°C		
Compensation Temperature	-10°C~80°C		
Stock Temperature	-50°C~125°C		
Media Compatibility	Corrosive medium compatible with Cr18Ni9Ti, ceramics		
Wire	Two Wire	Three Wire	
Output Signal	4~20mA	0.5~4.5V	
Power Supply	12~30Vdc	5Vdc/10~30Vdc/ac	dc/ac means dc and ac are all usable
Load Resistance	(U-10)/0.02(Ω)	> 100KΩ	
Insulation	> 100M Ω@50V		
Elec. Connect	Packard, DIN 43650C, DIN72585, M12Seial, Cable		
Shell Protection	IP67		
Wire Protection	IP67		
Elec. Connect	G1/4, NPT1/4, 7/16-20UNF		
Response Time	10ms		
Pressure Form	Gauge G , Absolute A		

Compliant	CE, Intrinsically safe E, Explosion-proof D	
EMC	EMI:EN50081-1/-2; EMS: EN50082-2	