

Ceramic Pressure Transmitter

CS-PT1100

Feature

- $\pm 1\%$ F.S Accuracy
- High stability, high reliability
- Ceramic sensor from Germany
- Digital Calibration
- Packard connector
- G1/4,NPT1/4,7/16-20UNF pressure port
- Zero point can be shifted freely
- CE, RoHS approved

Applications

- Compressor
- Building water supply
- Hydraulic control
- Air conditioner
- Auto Engine
- Detecting system
- Hydraulic unit
- Refrigeration equipme

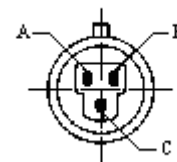
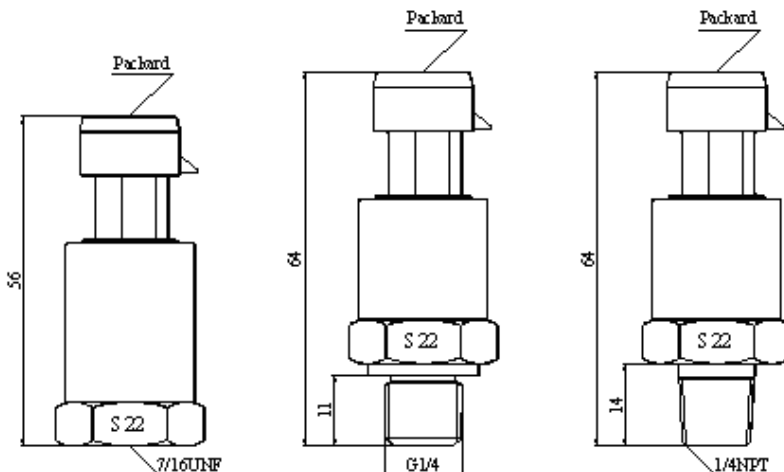


Description

CS-PT1100 series of pressure transmitters feature high quality high stability small size low weight compact structure low cost and mass production the products are widely used to measure pressure of air compressors auto engines, air conditioning equipment etc.

Stainless steel housings are ideal for industrial environment pressure sensing elements are selected from well known international brands. Special circuits are adopted to adjust zero and full range conveniently the products have been approved with CE intrinsically safe, and explosion-proof certificates.

Non-polar two-wire current 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.



Pin Definition			
Output	A	B	C
4-20mA	GND	10-30V	4-20mA
0.5-4.5V	V(-)	V(+)	0.5-4.5V

Technical parameters

Parameter	Value		Note
Measurement range	0~5bar.....50bar		1bar=100kpa
Overload pressure	1.5 * pressure range		
Broken pressure	3 * pressure range		
Accuracy	±1%F.S		
Stability	Typical 0.5% F.S, maximum: 1 %F.S		
Operating temperature	- 40°C ~100°C		
Medium compatibility	Corrosive medium compatible with 1Cr18Ni9Ti,Ceramic		
Wires	Two-wire	Three-wire	
Output signal	4~20mA	0.5-4.5V	
Supply voltage	10~30Vdc	10-30Vdc	
Load resistance	(U-10)/0.02(Ω)	> 100KΩ	
Insulation	> 100M Ω@50V		
Electrical connection	Packard		
Shell/Wire protection	IP67		
Pressure form	Gauge G		
Pressure port	G1/4 NPT1/4 7/16-20UNF		
Response time	10ms		
EMC	EMI:EN50081-1/-2, EMS:EN50082-2		

Type Selection Guide

