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## PT1000

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### Introduction

CS-PT1000 series of pressure transmitters are cost-effective products featuring mass production and low cost. They are widely used to detect the pressure of gas and liquid like water and nature gas,

The product are made of stainless steel, the 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.

Customized structures and outputs formats can be designed according to special application requirement, in addition to standard products

### Technical parameters

Parameters	Value	Note
Measure Range	0.5Mpa~60MPa	1MPa≈145PSI
Overload Pressure	1.5×RP(rated pressure)	
Broken Pressure	2.5×RP(rated pressure)	
Accuracy	±0.5% F.S ( MARS & PT300 series have higher accuracy)	
Stability	Typical 0.25%F.S, Max 0.4%F.S	
Operate Temperature	−40℃~85℃	
Compensation Temperature	−10℃~70℃	
Media Compatibility	Corrosive medium compatible with Cr18	

	Ni9Ti, ceramics			
Wire	Two-wire	Three-wire		
Output Signal	4~20mA	0~5V	0~10V	
Power Supply	10~30Vdc	10~30Vdc/a c	12~30Vdc /ac	dc/ac means dc and ac are a ll usable
Load Resistance	(U-10)/0.02( Ω)	> 20kΩ		
Insulation	> 100M Ω@50V			
Elec. Connect	DIN43650, Shell protection IP65		Hirschmann Plug(S)	
	GX16-7, Shell protection IP45		Quick Access Plug(K)	
	Wire protection (Five), Shell protection I P68			
Pressure Port	M20×1.5, G1/2, G1/4, NPT1/2, NPT1/4			
Response Time	10ms			
Pressure Form	Gauge G, Absolute A			
Compliant	CE			
EMC	EMI: EN50081-1/-2; EMS: EN50082-2			

Drawing

