CERAMIC PRESSURE TRANSMITTER TYPE PT1200



Description:

PT1200 series pressure transmitter is a mass production, cost effective for OEM, high quality and high reliability product applied to both civil and industrial field. Widely used in measure on-site pressure of compressor, auto and air-condition, etc.
This product adopt 1Cr18ni9Ti stainless structure, pressure core body and sensor chip import from Germany, exert calibrate and digital offset technique. Also have got intrinsic safety certification and CE certification, standard current and voltage output.

Some features are:

- accuracy: ±0.5, ±1%F.S
- high stability, high reliability
- ceramic core from Germany
- digital calibration
- packard connector
- multiple pressure
- zero drift freely
- CE certification
- conform with RoHs standard

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Applications:

- compressor
- building water supply
- hydraulic control
- air-conditioning unit
- auto engine
- automatic detection system
- hydraulic unit
- refrigeration equipment

Technical features:

Name	Data		Remark
Measurement range	2bar...600bar		1bar=100kPa
Overload pressure	1.5 times rated pressure		
Failure pressure	3 times rated pressure		
Accuracy	±0.5、±1%F.S		
Stability	Typical value: 0.5%F.S, Maximum value: 1%F.S		
Operation temperature	－40℃~135℃		
Offset temperature	－10℃~85℃		
Reserve temperature	－50℃~125℃		
Medium compatibilitiy	All corrosive medium compatible with 1Cr18Ni9Ti and ceramic.		
Electrics feature	Two-wire	Three-wire	
Signal output	4~20mA	0.5~4.5V	
Power supply	8~36Vdc	5~30Vdc/ac	Vdc/ac means both use dc and ac.
Load resistance	(U-10)/0.02(Ω)	>100KΩ	
Insulate	>100M Ω@50V		
Electrics connector	Packard, DIN 43650C, DIN72585, M12 series, Cable		
Shell protection	IP67		
Lead protection	IP67		

Pressure connection	G1/4, NPT1/4, 7/16-20UNF, R1/4	
Response time	10ms	
Pressure form	Gauge pressure: G, absolute pressure: A	
Certification	Intrinsic safety E, RoHS certification, CE certification	
Electromagnetic compatibility	Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2;