

T2000

GENERAL TYPE PRESSURE SENSOR



FEATURES

- Adopt high overload capacity ceramic sensitive diaphragm
- Excellent corrosion and abrasion resistance
- ASIC technology, digital compensation
- Small size, application to various complex environments
- Various kind of screw interface and electrical connections

OVERVIEW

It is widely used in the measurement or test systems of gas, fluid medium pressure, such as fire fighting, water treatment, water supply systems, air compressors, pneumatic & hydraulic devices, and factory automation, etc. High overload capacity ceramic sensitive diaphragm, with excellent corrosion resistance, wear resistance, using ASIC technology, MEMS technology, digital compensation, small size, low price, can be applied to a variety of complex environment. The internal pressure cores and chips are imported from Germany, by using military technology and craftsmanship in mass production, besides the advanced design, complete craftsmanship, sophisticated equipment, and whole quality assurance systems, this product had been sold to more than 40 countries around the world.

SPECIFICATION

Measurement Range	-100kPa~0.3MPa...3MPa, 0~0.3MPa...60MPa			
Overload pressure	1.5 times of full scales(Max.80Mpa)			
Burst Pressure	2 times of full scales(Max.90Mpa)			
Accuracy	$\pm 0.5\%$ F.S.、 $\pm 1.0\%$ F.S			
Stability	<0.5%F.S/Year			
Working Temp.	-20~+85°C			
Compensated Temperature	-40~+100°C			
Storage Temperature	-40~+100°C			
Medium Compatibility	All corrosive medium which can compatible with 1Cr18Ni9Ti, 304 stainless steel, fluoro rubber or butyl rubber.			
Output Mode	Two-wired		Three-wired	
Output Signal	4~20mA	0.5~4.5V	0~5V	0~10V
Power Supply	10~30VDC	4.75~5.25VDC	10~30VDC	12~30VDC
Electrical Connection	Packard, DIN43650C (SmallHirschmann), DIN43650A (Big Hirschmann), M12 waterproof outlet, M12 aviation connector			
Protection	IP67、IP65、IP54			
Pressure Connection	G1/4、NPT1/4、R1/4、BPS1/4、G1/2、7/16-20UNF、M20*1.5、M10*1、M14*1.5 etc.			
Pressure Form	Gauge pressure G/Absolute pressure A			
Certification	Safety explosion-proof type E, RoHS, REACH, EU electrical safety standards CE			

DIMENSION: MM

