

PTG 1000 SERIES - GENERAL PURPOSE PRESSURE TRANSDUCER

The PTG1000 is a competitively priced, high quality all stainless steel, pressure sensor intended for use in the measurement of gases and liquids. This series is suitable for automotive diagnostics tools, refrigeration, hydraulics, pneumatics & many other applications. The long term stability of PTG1000 and standard RFI/EMI protection provide the most rugged and reliable transducer for industrial needs.

- **PRESSURE RANGE 0-40,000 PSI**
- **OUTPUTS 4-20mA, 0-5V, 0-10V & CUSTOM OUTPUTS AVAILABLE**
- **HIGH ACCURACY**
- **EMI/RFI PROTECTION**
- **CUSTOM DESIGNS AVAILABLE**
- **ELIMINATE DRIFT - FUSED BOND SENSOR TECHNOLOGY FOR LONG-TERM STABILITY**

SPECIFICATIONS

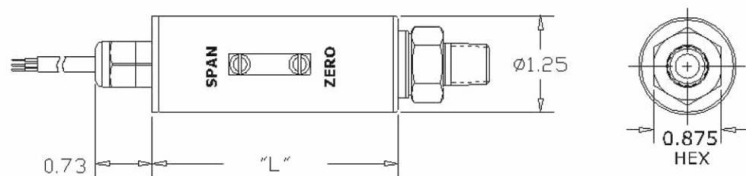
PRESSURE RANGES:	0 to 40,000 PSI
PRESSURE TYPE:	Absolute; Gauge; Vacuum; Sealed Compound
OUTPUT:	0-5Vdc; 0-10Vdc; 4-20mA; 10mV/V
ACCURACY:	<±.1% F.S; <±.2% F.S; <±.5% F.S(BFSL)
ZERO OFFSET:	<±.25% F.S Field adjustable
SPAN TOLERANCE:	<±1% □ □
TEMPERATURE RANGE:	-40° to +212° F -76° to +266° F Optional
COMP. TEMPERATURE RANGE:	+32° to +125° F
TEMP. COMP ZERO :	<±1.5% □ □
TEMP. COMP: SPAN :	<±1.0% □ □
STABILITY(2YEARS):	<±.05% F.S
PRESSURE CYCLES:	>50 Million
EXCITATION:	9-36 Vdc(4-20mA & 0-5Vdc outputs) 13-36 Vdc(0-10Vdc output)
OUTPUT LOAD:	>10K Ohm
SAFE OVERLOAD:	2X Rated pressure
BURST PRESSURE:	5X Rated pressure
ELECTRICAL CONNECTION:	Cable; DIN, Pin Connection, Bendix, Cannon
WETTED MATERIAL:	17-4PH Stainless steel 316 Stainless steel

Note : BFSL =Best fit scale line



DIMENSION DATA

(Reference only. Actual dimensions may vary)



Pressure Range >300psi ;L=3.20"
Pressure Range <300psi ;L=4.20"

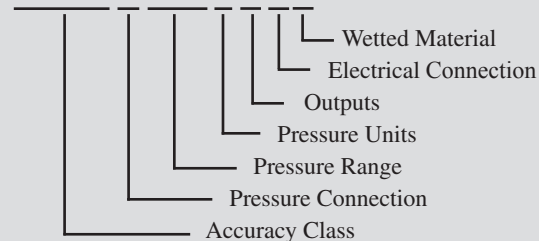
AVAILABLE RANGES

Accuracy Class:
PTG 1000 - .5% F.S.
PTG 1001 - .2% F.S.
PTG 1002 - .1% F.S.
Pressure Connection:
A = 1/4" NPT Male
B = 1/8" NPT Male
C = Autoclave F250c
F = 7/16"-20 UNF Male
G = Other
Pressure Range:
0- 40,000 PSI
Pressure Units:
A=Vacuum
B=Absolute
C=Other

Outputs:
1= 0- 5 Vdc
3= 1-5 Vdc
4= 4-20 mA
6= 0-10 Vdc
A= 10 mV/V
B= Other
Electrical Connection:
A=36" Pigtail
E=Mini DIN 43650
F=Bendix 6-pin
G=Other
Wetted Material:
0=17-4PH
1=316 SS

Order Code Example:

PTG1000-A-XXX-B-A-A-0



XXX= Pressure Range