

IP Series



Features

- Absolute or Sealed Gage
- Available in Brass or Stainless Steel
- Built-in Packard connector
- Various Outputs
- RoHS Compliant



Applications

- Vacuum
- Air Pressure

The IP Series pressure transducers utilize back-side piezoresistive technology and are suitable for vacuum and low to medium pressure applications.

TECHNICAL SPECIFICATIONS

Accuracy @ 25°C	±0.5 %Span
Linearity, repeatability, hysteresis, and calibration	
Total Error Band	±1.0 %Span 0°C to 80°C, ±1.5 %Span -20°C to 125°C ±2.0 %Span -40°C to 125°C
Pressure Ranges	0-15psi through 0-750psi (absolute, or sealed gage)
Operating Temperature Range	-40°C to 125°C
Storage Temperature	-40°C to 150°C
Proof Pressure	3X rated pressure (Maximum 1500 psi)
Burst Pressure	5X rated pressure (Maximum 2500 psi)
Cycle Life	10 Million + F.S cycles
Vibration	5g (33Hz)
Drop (any axis)	1 m
Housing Materials	Brass or Stainless Steel *
Electrical Connection	IP67
Media	Non-corrosive gases
Sealing Material	Fluorosilicone (Consult Factory for other seal material options)

Approvals and Marks (UL Listed File E480159, Class III)



OUTPUT OPTIONS (See Electrical Specifications page 12 for details)

Ratiometric	0.5-4.5VDC (typical)*
Absolute Voltage	0-5VDC 1-5VDC 0-10VDC
Current Loop	4-20mA

* Standard