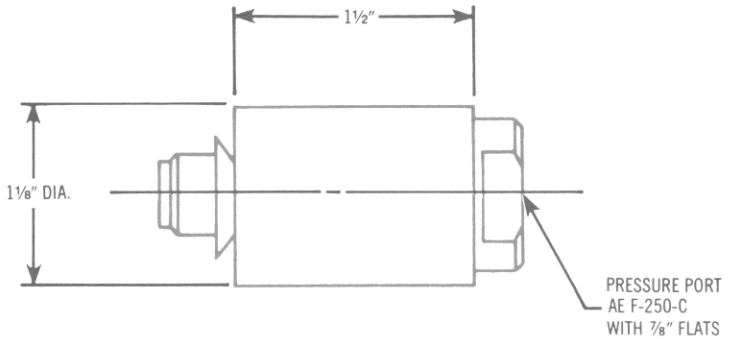

Model 2205

SPECIFICATIONS

Pressure Ranges	0-5000, 0-7500, 0-10,000, 0-15,000, 0-20,000, 0-25,000, 0-30,000, PSIA or PSIS. (14.7 PSIA reference).
Measurand Fluids	All fluids compatible with 316 stainless steel.
Full Scale Output	3.0 ±0.015 MV open circuit per volt excitation. Calibrated at 10.00 VDC excitation.
Zero Balance	0.00 ± 0.03 MV per volt at +70°F.
End Point Linearity	Within ±0.25% FSO.
Hysteresis	Less than 0.25% FSO.
Repeatability	Within 0.10% FSO.
Resolution	Infinite.
Natural Frequency	0-5,000 PSI range . . . . . 215KHz 0-7,500 PSI range . . . . . 240KHz 0-10,000 PSI range . . . . . 267KHz 0-15,000 PSI range . . . . . 317KHz 0-20,000 PSI range . . . . . 354KHz 0-25,000 PSI range . . . . . 392KHz 0-30,000 PSI range 429KHz
Proof Pressure	Application of 1.5 times rated FS pressure will not cause changes in transducer performance characteristics.
Burst Pressure	Greater than 2.0 times rated FS pressure.
Compensated Temperature Range	−30°F to +170°F. Other ranges available.
Operating Temperature Range	-100°F to +300°F.

Thermal Sensitivity Shift	Less than ±0.005% FSO per °F over compensated temperature range.
Thermal Zero Shift	Less than ±0.010% FSO per °F over compensated temperature range.
Triaxial Mechanical Shock	30 G's applied for 11 milliseconds will not cause change in transducer performance characteristics.
Acceleration Error	Less than ±0.0015% FSO per G.
Excitation	10 volts DC or AC RMS recommended. 15 volts maximum.
Input Resistance	350 ± 3.5 Ohms at +70°F. Input circuitry symmetrical.
Output Resistance	350 ± 5.0 Ohms.
Insulation Resistance	Greater than 10K megohms at 50 VDC between all terminals in parallel and transducer case at +70°F.
Pressure Connection	Autoclave Engineering F-250-C $^{9}/_{16}$-18 UNF-2B thread with weep hole for ¼" OD high pressure tubing.
Pressure Cavity Volume	.007 cubic inches.
Electrical Receptacle	Hermetic receptacle to mate with PCS06E-8-4S. Standard wiring: Excitation +A, −D; Signal +B, −C. **Options available.**
Enclosure	Entirely welded and hermetically sealed 304 and 316 stainless steel.
Weight	6 ounces.

Terminology in accordance with ISA Standard S37.3