PRESSURE TRANSDUCER SPECIFICATIONS

Pressure Range: 0-300 PSI (200-00092) 0-800 PSI (200-00108)
Proof Pressure (PSI): 600 PSI (200-00092) 1200 PSI (200-00108)
Burst Pressure: 1500 PSI (200-00092) 2500 PSI (200-00108)
Supply Voltage: 5.00 Vdc (+/-0.05 VDC)
Output Voltage (Ratiometric): 0.500 (+/-0.060) Vdc at 0 PSI
  4.500 (+/-0.060) Vdc at 300 PSI / 600 PSI
Supply Current: 5 mA MAX at 5 Vdc
Output Impedance: 100 Ohms MAX.
Temp. Error (0°C to +85°C):
  Zero: +/-0.02% of Span per °C MAX,
  Span: +/-0.02% of Span per °C MAX,
Temp. Error (-30°C to +100°C):
  Zero: +/-0.04% of Span per °C MAX,
  Span: +/-0.04% of Span per °C MAX,
Operating Temp: -40 to +125°C
Linearity: +/-0.5% of Span MAX,
Hysteresis and Repeatability: +/-0.5% of Span MAX,
Response Time: <2 ms at 63% full scale
Wetted Materials:
Stainless Steel housing (200-00108)
Brass housing (200-00092)
Vibration: 10G% peak to peak sinusoidal
Shock: 75G%, 1/2 sine wave
Operating Life: 10 million cycles minimum at full operating pressure
Elec. Termination: Integral weatherproof connector, Packard Electric/Metric-Pack 10G series
Recommended Interface impedance: 25K Ohm MIN, resistance between transducer and output ground

SUPPLY VOLTAGE GROUND OUTPUT

PRESSURE TRANSDUCER
CL1 P/N 200-00092 (300 PSI)
CL1 P/N 200-00108 (600 PSI)