The Model 511000 P/I is a very rugged pneumatic-to-current or voltage transmitter using a solid-state strain gauge pressure transducer for the input signal and producing a linear D.C. current or voltage output signal. The transducer and electronics are housed in an all-steel case with front adjustable Zero and Span controls. The 511000 is a very dependable instrument designed for the general-purpose instrumentation market where long life and durability are important.

**TECHNICAL SPECIFICATIONS**

**INPUTS:**
- 0-10" H 2O, 0-25" H 2O, 0-1 PSIG, 0-5 PSIG, 0-10 PSIG, 0-15 PSIG, 3-15 PSIG, 0-25 PSIG, 3-27 PSIG, and 0-30 PSIG

**OUTPUT:**
- 4-20 or 10-50 MADC, 0-5, 1-5, 0-10, 1-10 Volts D.C.

**OUTPUT RIPPLE:**
2.5 MV RMS

**ACCURACY:**
+/- 0.5% Full Scale (at 75°F)

**THERMAL ZERO SHIFT:**
+/- 3.0% (0-5 PSI), + 1.5% (0-30 PSI)

**COMPENSATED TEMP. RANGE:**
[TRANSDUCER ONLY]
32°F to 120°F

**THERMAL SENSITIVITY EFFECT:**
+/- 1.5% of Full Scale

**AMBIENT OPERATING TEMPERATURE:**
-20 to + 140°F

**OPERATING POWER:**
117V AC /50-60Hz/ +/- 8%
(220 /50-60Hz/ Optional)

**POWER CONSUMPTION:**
4.0 Watts

**PRESSURE INPUT CONNECTION:**
¼", Fitting Brass Swagelok

**INPUT MEDIA:**
Instrument Air

**OPTIONS**
- NEMA-4/12 Enclosures
- Explosion Proof Enclosures
- Zero Based Output Signal

**FEATURES**
- Diffused Silicon Sensor
- Voltage or Current Output
- Small Size 3” x 5” x 4” Front
- Adjustable Zero/Span

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