

CHARGE OUTPUT PRESSURE SENSOR			Revision: M ECN #: 27292
Model Number 117B01- 117B65,117B101 & SUB			
Performance Sensitivity($\pm 20\%$ (for straight oil)) Measurement Range Maximum Pressure Resolution Resonant Frequency Rise Time(Reflected) Non-Linearity	ENGLISH 0.14 pC/psi 20 to 60 kpsi 80 kpsi 2 psi ≥ 200 kHz $\leq 2 \mu$ sec $\leq 2\%$ FS	SI 0.021 pC/kPa 138,000 to 414,000 kPa 552,000 kPa 14 kPa ≥ 200 kHz $\leq 2 \mu$ sec $\leq 2\%$ FS	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used. M - Metric Mount
Environmental Acceleration Sensitivity Temperature Range(Operating) Temperature Coefficient of Sensitivity Maximum Flash Temperature Maximum Shock	≤ 0.02 psi/g -100 to +400 °F $\leq 0.03\%$ /°F 3000 °F 20,000 g pk	≤ 0.14 kPa/(m/s ²) -73 to +204 °C $\leq 0.054\%$ /°C 1650 °C 196 200 m/s ² pk	NOTES: [1] Typical. [2] Actual slope is dependent upon material properties of cartridge case. [3] For conformatl cal. sensitivity will be $\pm 40\%$. [4] Calibrated range to 60,000 psi. [5] Resolution dependent on range setting and cable length used in charge system.
Electrical Output Polarity(Positive Pressure) Capacitance Insulation Resistance(at room temp)	Negative 9 pF $\geq 10^{12}$ ohm	Negative 9 pF $\geq 10^{12}$ ohm	SUPPLIED ACCESSORIES: Model 045A Alignment Guide Model 065A19 Spacer set, 0.250" ID
Physical Housing Material Diaphragm Sealing Electrical Connector Weight	17-4 Stainless Steel 17-4 Stainless Steel Epoxy 10-32 Coaxial Jack 0.45 oz	17-4 Stainless Steel 17-4 Stainless Steel Epoxy 10-32 Coaxial Jack 13 gm	Entered: <i>BLAS</i> Engineer: <i>RF</i> Sales: <i>DPC</i> Approved: <i>MLZ</i> Date: <i>9-12-07</i> Date: <i>9-11-07</i> Date: <i>9-11-07</i> Spec Number: 117-2010-80
 PCB PIEZOTRONICS™ PRESSURE DIVISION 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-686-9129 E-Mail: pressure@pcb.com			
All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice.			