

Model Number 117B66-117B100		Revision: L ECN # 27292	
CHARGE OUTPUT PRESSURE SENSOR			
Performance Sensitivity(± 20 %)(for straight oil) Measurement Range Maximum Pressure(static) Resolution Resonant Frequency Rise Time(Reflected) Non-Linearity Environmental Acceleration Sensitivity Temperature Range(Operating) Temperature Coefficient of Sensitivity Maximum Flash Temperature Maximum Vibration Maximum Shock Electrical Output Polarity(Positive Pressure) Capacitance Insulation Resistance(at room temp)		ENGLISH 0.110 pC/psi 10 to 35 kpsi 40 kpsi 2 psi ≥ 300 kHz ≤ 2 μ sec ≤ 2 % FS ≤ .02 psi/g -100 to +400 °F ≤ .03 %/°F 3000 °F 1000 g pk 5000 g pk Negative 5 pF ≥ 10 ¹² ohm 17-4 Stainless Steel 17-4 Stainless Steel Welded Hermetic 10-32 Coaxial Jack .35 oz	
		SI 0.016 pC/kPa 68,950 to 241,300 kPa 275,800 kPa 13.79 kPa ≥ 300 kHz ≤ 2 μ sec ≤ 2 % FS ≤ .014 kPa/(m/s ²) -73 to +204 °C ≤ .054 %/°C 1650 °C 9810 m/s ² pk 49,050 m/s ² pk Negative 5 pF ≥ 10 ¹² ohm 17-4 Stainless Steel 17-4 Stainless Steel Welded Hermetic 10-32 Coaxial Jack 10 gm	
Physical Housing Material Diaphragm Sealing Electrical Connector Weight		[2][3] [4] [5] [1]	
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			
NOTES: [1] Typical. [2] Actual slope is dependent upon material properties of cartridge case. [3] For conformat cal. sensitivity will be ±40%. [4] Calibrated range to 35,000 psi. [5] Resolution dependent on range setting and cable length used in charge system.			
SUPPLIED ACCESSORIES: Model 045A Alignment Guide Model 065A27 Spacer set 0.196" ID			
Entered: BLS	Engineer: RF	Sales: DPC	Approved: ADL
Date: 9-12-07	Date: 9-11-07	Date: 9-11-07	Date: 9-11-07
		Spec Number:	117-2660-80
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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.
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