


Model Number 119B11	<b>CHARGE OUTPUT PRESSURE SENSOR</b>		Revision: D ECN #: 27048
<b>Performance</b>	<b>ENGLISH</b>	<b>SI</b>	<b>OPTIONAL VERSIONS</b> Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.  <b>H - Hermetic Seal</b> Housing Material                      17-4 Stainless Steel                      17-4 Stainless Steel Maximum Shock                              20,000 g pk                              196,200 Sealing    Welded Hermetic                              Welded Hermetic  <b>M - Metric Mount</b>  <b>P - Positive Output Polarity</b>  <b>W - Water Resistant Cable</b>
Sensitivity(± 15 %)	0.25 pC/psi	0.036 pC/kPa	
Measurement Range	0 to 80,000 psi	0 to 552,000 kPa	
Maximum Pressure	100 kpsi	690,000 kPa	
Resolution	≤ 1 psi	≤ 7 kPa	
Resonant Frequency	≥ 400 kHz	≥ 400 kHz	
Rise Time(Reflected)	≤ 2 μ sec	≤ 2 μ sec	
Non-Linearity	≤ 2 % FS	≤ 2 % FS	
<b>Environmental</b>			
Acceleration Sensitivity	≤ 0.02 psi/g	≤ 0.015 kPa/(m/s <sup>2</sup> )	
Temperature Range(Operating)	-300 to 400 °F	-184 to 204 °C	
Temperature Coefficient of Sensitivity	≤ 0.07 %/°F	≤ 0.126 %/°C	
Maximum Flash Temperature	4000 °F	2204 °C	
Maximum Vibration	2000 g pk	19,614 m/s <sup>2</sup> pk	
Maximum Shock	50,000 g pk	490,330 m/s <sup>2</sup> pk	
<b>Electrical</b>			
Output Polarity(Positive Pressure)	Negative	Negative	
Capacitance	20 pF	20 pF	
Insulation Resistance(at room temp)	≥ 1E12 ohm	≥ 1E12 ohm	
<b>Physical</b>			
Sensing Element	Quartz	Quartz	
Housing Material	C-300	C-300	
Diaphragm	C-300	C-300	
Sealing	Epoxy	Epoxy	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Weight	.5 oz	14 gm	
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.  ICP® is a registered trademark of PCB Group, Inc.			<b>NOTES:</b> [1] Nominal. [2] Zero-based, least-squares, straight line method. [3] Ceramic coated.
<b>SUPPLIED ACCESSORIES:</b> Model 065A06 Seal ring 0.318" OD x 0.250" ID x 0.010" thk 316L SS material (3)			
Entered: BLS    Engineer: RF    Sales: DPC    Approved: RF    Spec Number:			
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