

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity(± 15 %)	6 pC/psi	0.870 pC/kPa	
Measurement Range	100 psi	690 kPa	
Maximum Pressure(static)	3,000 psi	20,685 kPa	
Resonant Frequency	≥ 55 kHz	≥ 55 kHz	
Rise Time(Reflected)	≤ 9 μ sec	≤ 9 μ sec	
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[1]
<b>Environmental</b>			
Acceleration Sensitivity	≤ .004 psi/g	≤ .0028 kPa/(m/s <sup>2</sup> )	
Temperature Range(Operating)	-400 to 650 °F	-240 to 345 °C	
Temperature Coefficient of Sensitivity	≤ .04 %/°F	≤ .072 %/°C	
Maximum Flash Temperature	3,000 °F	1,649 °C	
Maximum Shock	2,000 g pk	19,620 m/s <sup>2</sup> pk	
<b>Electrical</b>			
Output Polarity(Positive Pressure)	Negative	Negative	
Capacitance	30 pF	30 pF	[2]
Insulation Resistance(at 650°F[345°C])	> 10 <sup>9</sup> Ohm	> 10 <sup>9</sup> Ohm	
Insulation Resistance(at room temp)	> 10 <sup>11</sup> Ohm	> 10 <sup>11</sup> Ohm	
<b>Physical</b>			
Sensing Element	Quartz	Quartz	
Housing Material	316L Stainless Steel	316L Stainless Steel	
Diaphragm	316L Stainless Steel	316L Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Weight	.717 oz	20.3 gm	

**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.

<b>E</b> - Emralon coating		
Electrical Isolation	(Case) 10 <sup>8</sup> Ohm	(Case) 10 <sup>8</sup> Ohm
Coating	Emralon	Emralon
Temperature Range	-65 to 275 °F	-54 to 135 °C

**P** - Positive Output Polarity

**NOTES:**

[1]Zero-based, least-squares, straight line method.

[2]Typical.

[3]See PCB Declaration of Conformance PS158 for details.

**SUPPLIED ACCESSORIES:**

Model 060A12 Clamp nut, 9/16-18-2A thd, 9/16" hex

Model 060A14 Metric clamp nut, M14 x 1.25-6g thd, 14 mm hex, stainless steel (1)

Model 065A37 Seal ring 0.497 OD x 0.437 ID x 0.025 thk Brass (3)

Model PCS-17 Frequency response of 106B and 116B series from 20 Hz to 50 kHz.

Model PCS-3 Calibration of high-temperature Models 112A04 and 112A05, Series 112B and Series 116B

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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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