

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity(+/- 15 %)	1.20 pC/psi	0.17 pC/kPa	
Measurement Range	10 kpsi	68,950 kPa	
Maximum Pressure(static)	15 kpsi	103,420 kPa	
Resonant Frequency	≥ 250 kHz	≥ 250 kHz	
Rise Time(Reflected)	≤ 2.0 μ sec	≤ 2.0 μ sec	
Non-Linearity	≤ 1.0 % FS	≤ 1.0 % FS	[1]
<b>Environmental</b>			
Acceleration Sensitivity	0.002 psi/g	0.0014 kPa/(m/s <sup>2</sup> )	[2]
Temperature Range(Operating)	-100 to +400 °F	-73 to +204 °C	
Temperature Coefficient of Sensitivity	≤ 0.03 %/°F	≤ 0.054 %/°C	
Maximum Flash Temperature	3,000 °F	1,649 °C	
Maximum Vibration	2,000 g pk	19,600 m/s <sup>2</sup> pk	
Maximum Shock	20,000 g pk	196,000 m/s <sup>2</sup> pk	
<b>Electrical</b>			
Output Polarity(Positive Pressure)	Negative	Negative	
Capacitance	21 pF	21 pF	[2]
Insulation Resistance(at room temp)	≥ 10 <sup>12</sup> Ohm	≥ 10 <sup>12</sup> Ohm	
<b>Physical</b>			
Sensing Element	Quartz	Quartz	
Housing Material	17-4 Stainless Steel	17-4 Stainless Steel	
Diaphragm	Invar	Invar	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Weight(with clamp nut)	0.212 oz	6.0 gm	

<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>CA</b> - Ablative Coating	[4][5]
<b>E</b> - Emralon coating Electrical Isolation	[4]
Coating	(Case) 10 <sup>8</sup> Ohm Emralon (Case) 10 <sup>8</sup> Ohm Emralon
Temperature Range	-65 to 275 °F -54 to 135 °C
Supplied Accessory: Model 065A08 Isolation ring	0.250" OD x 0.218" ID x 0.027" thk anodized aluminum (3)
Supplied Accessory: Model 065A22 Isolation Seal	.250" OD x .218" ID x .015", Torlon or Vespel (3)
<b>J</b> - Ground Isolated	[4]
<b>P</b> - Positive Output Polarity	[4]
<b>S</b> - Stainless Steel Diaphragm	[4][6]
Diaphragm	316L Stainless Steel 316L Stainless Steel
<b>W</b> - Water Resistant Cable	[4][6]
Optional Accessory: Model 060A03 Clamp nut	5/16-24-2A thd, 1/4" hex, stainless steel (1)
<b>WM</b> - Water Resistant Cable	[4][6]
Optional Accessory: Model 060A05 Clamp nut	M7 x 0.75-6g thd (1)

**NOTES:**

[1]Zero-based, least-squares, straight line method.  
 [2]Typical.  
 [3]See PCB Declaration of Conformance PS158 for details.  
 [4]For sensor mounted in thread adaptor, see adaptor installation drawing for supplied accessories and pressure limitations.  
 [5]Used with optional mounting adaptor.  
 [6]Clamp nut installed prior to cable attachment

**SUPPLIED ACCESSORIES:**

Model 060A03 Clamp nut, 5/16-24-2A thd, 1/4" hex, stainless steel (1)  
 Model 060A05 Clamp nut M7 x 0.75-6g thd (1)  
 Model 065A02 Seal ring, sensor flush mount, 0.248" OD x 0.219" ID x 0.015" thk, brass (3)  
 Model 065A05 Seal sleeve sensor recess mount 0.248" OD x 0.221" ID x 0.240" thk 17-7 (1)  
 Model PCS-1BB Sensitivity calibration at 100%, 50% and 1% of sensor range

Entered: ND	Engineer: AJA	Sales: RWM	Approved: RPF	Spec Number:
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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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