

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity(± 15 %)	0.39 pC/psi	0.056 pC/kPa	
Measurement Range	15 kpsi	103,420 kPa	[1]
Maximum Pressure(Total)	15 kpsi	103,420 kPa	[1]
Resolution	10 mpsi	0.07 kPa	[2][3]
Resonant Frequency	≥ 500 kHz	≥ 500 kHz	
Rise Time(Reflected)	≤ 1.0 μ sec	≤ 1.0 μ sec	
Non-Linearity	≤ 1.0 % FS	≤ 1.0 % FS	[4]
<b>Environmental</b>			
Acceleration Sensitivity	≤ 0.002 psi/g	≤ 0.0014 kPa/(m/s <sup>2</sup> )	
Temperature Range(Operating)	-100 to +400 °F	-73 to +204 °C	
Temperature Coefficient of Sensitivity	≤ 0.03 %/°F	≤ 0.054 %/°C	[3]
Maximum Vibration	2,000 g pk	19,613 m/s <sup>2</sup> pk	
Maximum Shock	20,000 g pk	196,140 m/s <sup>2</sup> pk	
<b>Electrical</b>			
Output Polarity(Positive Pressure)	Negative	Negative	
Capacitance	12 pF	12 pF	[3]
Insulation Resistance(400 °F)	≥ 10 <sup>9</sup> Ohm	≥ 10 <sup>9</sup> Ohm	
Insulation Resistance(at room temp)	≥ 10 <sup>12</sup> Ohm	≥ 10 <sup>12</sup> Ohm	
<b>Physical</b>			
Sensing Element	Quartz	Quartz	
Sensing Geometry	Compression	Compression	
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	0.212 oz	6.0 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. [1]		
<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
Supplied Accessory: Model 065A08 Isolation ring 0.250" OD x 0.218" ID x 0.027" thk anodized aluminum (3) replaces Model 065A02		
Supplied Accessory: Model 065A22 Isolation Seal, .250" OD x .218" ID x .015", Torlon or Vespel (3) replaces Model 065A02		
<b>J</b> - Ground Isolated		[1][6]
<b>P</b> - Positive Output Polarity		[1]
<b>S</b> - Stainless Steel Diaphragm	316L Stainless Steel	316L Stainless Steel
<b>W</b> - Water Resistant Cable		[1][7]
<b>WM</b> - Water Resistant Cable		[1][7]

**NOTES:**

[1] For sensor mounted in thread adaptor, see adaptor installation drawing for supplied accessories and pressure limitations.

[2] Resolution dependent on range setting and cable length used in charge system.

[3] Typical.

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

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

[6] Used with optional mounting adaptor.

[7] 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 17-4 (1)

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All specifications are at room temperature unless otherwise specified.  
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