

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity(-10 to +25 %)	1.1 pC/psi	0.160 pC/kPa	
Measurement Range	5 kpsi	34,475 kPa	
Maximum Pressure(static)	10 kpsi	68,950 kPa	
Resolution	4 mpsi	0.028 kPa	[1]
Resonant Frequency	≥ 200 kHz	≥ 200 kHz	
Rise Time(Reflected)	≤ 2.0 μ sec	≤ 2.0 μ sec	
Non-Linearity	≤ 1.0 % FS	≤ 1.0 % FS	[2]
<b>Environmental</b>			
Acceleration Sensitivity	≤ 0.003 psi/g	≤ 0.0021 kPa/(m/s <sup>2</sup> )	
Temperature Range(Operating)	-400 to +600 °F	-240 to +316 °C	
Temperature Coefficient of Sensitivity	≤ 0.03 %/°F	≤ 0.054 %/°C	
Maximum Flash Temperature	3000 °F	1649 °C	
Maximum Shock	10,000 g pk	98,070 m/s <sup>2</sup> pk	
<b>Electrical</b>			
Output Polarity(Positive Pressure)	Negative	Negative	
Capacitance	18 pF	18 pF	
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	316L Stainless Steel	316L Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Weight	0.212 oz	6.0 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.  
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**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.

**E - Emralon coating**

Coating	Emralon	Emralon
Electrical Isolation(Case)	10 <sup>8</sup> ohm	10 <sup>8</sup> ohm

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)

**P - Positive Output Polarity**

**W - Water Resistant Cable** [3]  
 Supplied Accessory : Model 060A03 Clamp nut, 5/16-24-2A thd, 1/4" hex, stainless steel (1)

**WM - Water Resistant Cable** [3]  
 Supplied Accessory : Model 060A05 Clamp nut M7 x 0.75-6g thd (1)

**NOTES:**

[1] Resolution dependent on range setting and cable length used in charge system.  
 [2] Zero-based, least-squares, straight line method.  
 [3] 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)

Entered: <i>RJS</i>	Engineer: <i>NJC</i>	Sales: <i>RNM</i>	Approved: <i>RF</i>	Spec Number:
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