

	ENGLISH	SI
<b>Performance</b>		
Measurement Range(for ±5V output)	10 kpsi	68,950 kPa
Useful Overrange	15 kpsi	103,425 kPa
Sensitivity(± 15 %)	0.5 mV/psi	0.073 mV/kPa
Maximum Pressure(static)	15 kpsi	103,425 kPa
Resolution	200 mpsi	1.4 kPa [1]
Resonant Frequency	≥ 250 kHz	≥ 250 kHz
Rise Time	≤ 2.0 μ sec	≤ 2.0 μ sec
Low Frequency Response(- 5 %)	0.1 Hz	0.1 Hz
Non-Linearity	< 1 % FS	< 1 % FS [2]
<b>Environmental</b>		
Acceleration Sensitivity	≤ 0.002 psi/g	≤ 0.0014 kPa/(m/s <sup>2</sup> )
Temperature Range(Operating)	-320 to +212 °F	-196 to +100 °C
Temperature Coefficient of Sensitivity	≤ 0.06 %/°F	≤ 0.108 %/°C
Maximum Shock	20,000 g pk	196,140 m/s <sup>2</sup> pk
<b>Electrical</b>		
Output Polarity(Positive Pressure)	Positive	Positive
Discharge Time Constant(at room temp)	≥ 5 sec	≥ 5 sec
Excitation Voltage	20 to 30 VDC	20 to 30 VDC
Constant Current Excitation	2 to 20 mA	2 to 20 mA
Output Impedance	< 100 Ohm	< 100 Ohm
Output Bias Voltage	9 to 13 VDC	9 to 13 VDC
<b>Physical</b>		
Sensing Element	Quartz	Quartz
Housing Material	Stainless Steel	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	0.388 oz	11.00 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.

**M** - Metric Mount  
Supplied Accessory: Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3)

**NOTES:**

[1]Typical.  
[2]Zero-based, least-squares, straight line method.  
[3]See PCB Declaration of Conformance PS023 for details.

**SUPPLIED ACCESSORIES:**

Model 065A34 Seal ring 0.435" OD x 0.397" ID x 0.030" Cu (3)  
Model 065A44 Seal ring 0.435" OD x 0.377" ID x 0.030" thk Cu (3)

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**PCB PIEZOTRONICS**  
AN AMPHENOL COMPANY

Phone: 716-684-0001  
Fax: 716-684-0987  
E-Mail: info@pcb.com

3425 Walden Avenue, Depew, NY 14043



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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