

	ENGLISH	SI
Performance		
Measurement Range(for ±5V output)	5 kpsi	34,475 kPa
Useful Overrange(for ± 10V output)	10 kpsi	68,950 kPa [1]
Sensitivity(± 15 %)	1.0 mV/psi	0.145 mV/kPa
Maximum Pressure(Total)	15 kpsi	103,425 kPa
Resolution	100 mpsi	0.690 kPa [2]
Resonant Frequency	≥ 250 kHz	≥ 250 kHz
Rise Time(Reflected)	≤ 2.0 μ sec	≤ 2.0 μ sec
Low Frequency Response(- 5 %)	0.25 Hz	0.25 Hz
Non-Linearity	≤ 1.0 % FS	≤ 1.0 % FS [3]
Environmental		
Acceleration Sensitivity	≤ 0.002 psi/g	≤ 0.0014 kPa/(m/s ²)
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	196,133 m/s ² pk
Electrical		
Output Polarity(Positive Pressure)	Positive	Positive
Discharge Time Constant(at room temp)	≥ 2.0 sec	≥ 2.0 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
Physical		
Sensing Element	Quartz	Quartz
Housing Material	304L/316L Stainless Steel	304L/316L Stainless Steel
Thread Adaptor 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	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]Excitation voltage >=28 volts required.
 [2]Typical.
 [3]Zero-based, least-squares, straight line method.
 [4]See PCB Declaration of Conformance PS023 for details.

SUPPLIED ACCESSORIES:

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

Entered: RB	Engineer: MP	Sales: MV	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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