

Performance	ENGLISH	SI	
Measurement Range(for ±5V output)	10,000 psi	68,950 kPa	
Sensitivity(± 20 %)	0.5 mV/psi	0.073 mV/kPa	[1]
Maximum Pressure(static)	15,000 psi	103,425 kPa	
Resolution	0.2 psi	1.4 kPa	
Resonant Frequency	≥ 1,500 kHz	≥ 1,500 kHz	
Rise Time(Reflected)	≤ 0.2 μ sec	≤ 0.2 μ sec	
Low Frequency Response(- 5 %)	0.5 Hz	0.5 Hz	
Non-Linearity	≤ 2 % FS	≤ 2 % FS	[2]
<b>Environmental</b>			
Temperature Range(Operating)	-32 to +120 °F	-36 to +49 °C	
Maximum Flash Temperature	5,000 °F	2,760 °C	
<b>Electrical</b>			
Output Polarity(Positive Pressure)	Positive	Positive	
Discharge Time Constant(at room temp)	≥ 1 sec	≥ 1 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	8 to 14 VDC	8 to 14 VDC	
<b>Physical</b>			
Sensing Element	Tourmaline	Tourmaline	
Housing Material	Stainless Steel	Stainless Steel	
Diaphragm	Epoxy	Epoxy	
Sealing	Epoxy	Epoxy	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Weight	1.4 oz	39 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

**N** - Negative Output Polarity

**NOTES:**

[1] Calibrated as a system using (3 inch) type 003 cable and 402A series in-line amplifier.

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

[3] See PCB Declaration of Conformance PS023 for details.

**SUPPLIED ACCESSORIES:**

Model 061A30 Spanner Wrench, 2 Pin (1)

Entered: ND	Engineer: RPF	Sales: MV	Approved: BAM	Spec Number:
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All specifications are at room temperature unless otherwise specified.  
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