

Performance
 Sensitivity ($\pm 15\%$) 1124 mV/kN
 Measurement Range (Compression) 4.448 kN
 Maximum Static Force (Compression) 11.12 kN
 Broadband Resolution (1 to 10,000 Hz) 0.08896 N-rms
 Low Frequency Response (-5%) 0.0003 Hz
 Upper Frequency Limit 18 kHz
 Non-Linearity $\leq 1\%$ FS
Environmental
 Temperature Range -54 to +121 °C
 Temperature Coefficient of Sensitivity $\leq 0.054\%/^{\circ}\text{C}$
Electrical
 Discharge Time Constant (at room temp) ≥ 2000 sec
 Excitation Voltage 20 to 30 VDC
 Constant Current Excitation 2 to 20 mA
 Output Impedance ≤ 100 ohm
 Output Bias Voltage 8 to 14 VDC
 Output Polarity (Compression) Positive
Physical
 Stiffness 0.88 kN/ μm
 Size (Diameter x Length) 12.7 mm x 35.8 mm
 Weight 15 gm
 Housing Material Stainless Steel
 Impact Tip Material Titanium
 Sealing O-Ring
 Electrical Connector 10-32 Coaxial Jack
 Electrical Connection Position Axial
 Mounting Thread M7 x 0.75 Male

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.

NOTES:
 [1] Typical.
 [2] Calculated from discharge time constant.
 [3] Zero-based, least-squares, straight line method.
 [4] See PCB Declaration of Conformance PS023 for details.

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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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