

| | ENGLISH | SI | |
|--------------------------------------------|-----------------------------|-----------------------------|-----|
| Performance | | | |
| Sensitivity (±30 %) | 10 pC/g | 1.02 pC/(m/s ²) | |
| Measurement Range | ±500 g pk | ±4905 m/s ² pk | |
| Frequency Range (+5 %) | 5 kHz | 5000 Hz | [2] |
| Frequency Range (+10 %) | 7 kHz | 7000 Hz | [2] |
| Resonant Frequency | ≥25 kHz | ≥25 kHz | |
| Non-Linearity | ≤1 % | ≤1 % | [3] |
| Transverse Sensitivity | ≤5 % | ≤5 % | |
| Environmental | | | |
| Overload Limit (Shock) | ±5000 g pk | ±49000 m/s ² pk | |
| Temperature Range | -95 to +490 °F | -70 to +254 °C | |
| Temperature Response | See Graph | See Graph | [1] |
| Electrical | | | |
| Capacitance | 690 pF | 690 pF | [1] |
| Insulation Resistance (at 70 °F [21 °C]) | >10 ¹² ohm | >10 ¹² ohm | |
| Insulation Resistance (at 490 °F [254 °C]) | >10 ⁸ ohm | >10 ⁸ ohm | [1] |
| Output Polarity | Negative | Negative | |
| Physical | | | |
| Sensing Element | Ceramic | Ceramic | |
| Sensing Geometry | Shear | Shear | |
| Housing Material | Titanium | Titanium | |
| Sealing | Hermetic | Hermetic | |
| Size (Length x Width x Height) | 0.96 in x 1.00 in x 0.50 in | 24.4 mm x 25.4 mm x 12.7 mm | |
| Weight | 0.8 oz | 22.7 gm | [1] |
| Electrical Connector | 10-32 Coaxial Jack | 10-32 Coaxial Jack | |
| Mounting | Through Hole | Through Hole | |
| Mounting Torque | 8 to 10 in-lb | 90 to 113 N-cm | |

Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)

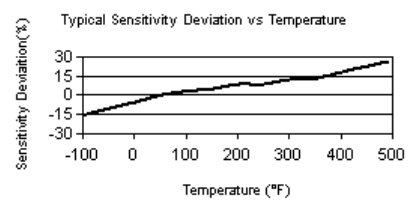
- M** - Metric Mount
- P** - Positive Output Polarity

Notes

- [1] Typical.
- [2] Low frequency response is determined by external signal conditioning electronics.
- [3] Zero-based, least-squares, straight line method.

Supplied Accessories

- 039A22 Allen wrench, 7/64" hex (1)
- 080A170 Adhesive mounting base (for Model 356A71) (1)
- 080A90 Quick Bonding Gel (1)
- 081A94 Mounting stud, 6-32 UNC, 0.75" long (2)



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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