

| | ENGLISH | SI | |
|--|-----------------------------|----------------------------------|--------|
| Performance | | | |
| Sensitivity(± 10 %) | 10 mV/g | 1.02 mV/(m/s ²) | |
| Measurement Range | ± 500 g pk | ± 4,905 m/s ² pk | |
| Frequency Range(± 5 %) | 1 to 10,000 Hz | 1 to 10,000 Hz | |
| Frequency Range(± 10 %) | 0.6 to 15,000 Hz | 0.6 to 15,000 Hz | [1] |
| Frequency Range(± 3 dB) | 0.3 to 25,000 Hz | 0.3 to 25,000 Hz | [1] |
| Resonant Frequency | ≥ 50 kHz | ≥ 50 kHz | |
| Broadband Resolution(1 to 10,000 Hz) | .004 g rms | .039 m/s ² rms | [2] |
| Non-Linearity | ≤ 1 % | ≤ 1 % | [3] |
| Transverse Sensitivity | ≤ 5 % | ≤ 5 % | [4] |
| Environmental | | | |
| Overload Limit | ± 5,000 g pk | ± 49,000 m/s ² pk | |
| Temperature Range(Operating) | -100 to 325 °F | -73 to 163 °C | |
| Temperature Coefficient of Sensitivity | ≤ 0.005 %/°F | ≤ 0.009 %/°C | |
| Temperature Response | See Graph | See Graph | [2] |
| Base Strain Sensitivity | ≤ .02 g/µε | ≤ .196 (m/s ²)/µε | [2] |
| Electrical | | | |
| Excitation Voltage | 19 to 30 VDC | 19 to 30 VDC | |
| Constant Current Excitation | 2 to 20 mA | 2 to 20 mA | |
| Output Impedance | ≤ 200 Ohm | ≤ 200 Ohm | |
| Output Bias Voltage | 8 to 12 VDC | 8 to 12 VDC | |
| Discharge Time Constant | .4 to 2.2 sec | .4 to 2.2 sec | |
| Settling Time(within 10% of bias) | ≤ 2 sec | ≤ 2 sec | |
| Spectral Noise(1 Hz) | 750 µg/√Hz | 7,350 (µm/sec ²)/√Hz | [2] |
| Spectral Noise(10 Hz) | 150 µg/√Hz | 1,470 (µm/sec ²)/√Hz | [2] |
| Spectral Noise(100 Hz) | 50 µg/√Hz | 490 (µm/sec ²)/√Hz | [2] |
| Spectral Noise(1 kHz) | 25 µg/√Hz | 245 (µm/sec ²)/√Hz | [2] |
| Electrical Isolation(Base) | ≥ 10 ⁸ Ohm | ≥ 10 ⁸ Ohm | [5][1] |
| Physical | | | |
| Sensing Element | UHT-12™ | UHT-12™ | |
| Sensing Geometry | Shear | Shear | |
| Housing Material | Titanium | Titanium | |
| Sealing | Welded Hermetic | Welded Hermetic | |
| Size (Height x Length x Width) | 0.23 in x 0.68 in x 0.38 in | 5.84 mm x 17.3 mm x 9.6 mm | |
| Weight | .065 oz | 1.85 gm | [2] |
| Electrical Connector | 5-44 Coaxial | 5-44 Coaxial | |
| Electrical Connection Position | Side | Side | |
| Mounting | Through Hole | Through Hole | |

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.

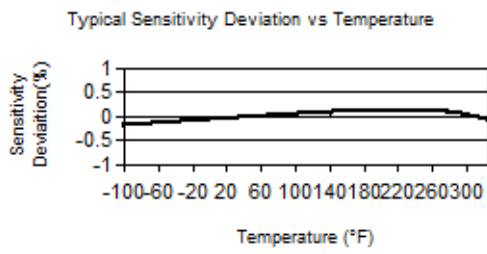
M - Metric Mount
Supplied Accessory: Model M039A20 Allen wrench, 1.5mm hex (1)
Supplied Accessory: Model M081B36 Insulated cap screw, M2x0.4 thd x 3/8" long (for Model M357B06) (1)

NOTES:
[1]When used with off ground washer, high frequency specification is typically 2 kHz less on 10% and 3 dB points.
[2]Typical.
[3]Zero-based, least-squares, straight line method.
[4]Transverse sensitivity is typically <= 3%.
[5]Only when using off ground washer.
[6]See PCB Declaration of Conformance PS023 for details.

SUPPLIED ACCESSORIES:
Model 039A20 Allen wrench, 5/64" hex (1)
Model 081B36 Insulated cap screw, 2-56 thd x 3/8" long (for Model 357B06) (1)
Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)

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| Entered: ND | Engineer: BAM | Sales: KK | Approved: BAM | 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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