

| | <u>ENGLISH</u> | <u>SI</u> | |
|---|---------------------------|------------------------------|--------|
| Performance | | | |
| Sensitivity(± 10 %) | 1.15 pC/g | .117 pC/(m/s ²) | [3] |
| Measurement Range | ± 1000 g pk | ± 9800 m/s ² pk | [3] |
| Frequency Range(± 10 %) | 10 kHz | 10 kHz | |
| Resonant Frequency | 45 kHz | 45 kHz | [1] |
| Non-Linearity(per full scale range) | ≤ 1 % | ≤ 1 % | |
| Transverse Sensitivity | ≤ 5 % | ≤ 5 % | |
| Environmental | | | |
| Overload Limit(Shock) | ± 2000 g pk | ± 19,600 m/s ² pk | |
| Temperature Range(Operating) | -67 to 1200 °F | -55 to 649 °C | |
| Temperature Range(Survivable Limit) | -67 to 1400 °F | -55 to 760 °C | |
| Temperature Range(Cable Termination) | -67 to 900 °F | -55 to 482 °C | |
| Temperature Response | See Graph | See Graph | [1] |
| Radiation Exposure Limit(Integrated Neutron Flux) | 1E10 N/cm ² | 1E10 N/cm ² | |
| Radiation Exposure Limit(Integrated Gamma Flux) | 1E8 rad | 1E8 rad | |
| Electrical | | | |
| Capacitance | 1000 pF | 1000 pF | [1][2] |
| Insulation Resistance(@ 1200°F[649°C]) | ≥ 30 kohm | ≥ 30 kohm | |
| Insulation Resistance(@ 70° F [21°C]) | ≥ 1 GOhm | ≥ 1 GOhm | |
| Output Polarity | Positive | Positive | |
| Electrical Isolation | Signal isolated from case | Signal isolated from case | |
| Physical | | | |
| Sensing Element | UHT-12™ | UHT-12™ | |
| Sensing Geometry | Shear | Shear | |
| Housing Material | Nickel Alloy | Nickel Alloy | |
| Sealing(Sensor Housing) | Hermetic | Hermetic | |
| Sealing(Connector) | Welded Hermetic | Welded Hermetic | |
| Size (Height x Length x Width) | .40 in x .55 in x .50 in | 10.2 mm x 14.0 mm x 12.7 mm | |
| Weight(without cable) | .35 oz | 10 gm | [1] |
| Electrical Connector | Integral Hardline Cable | Integral Hardline Cable | |
| Cable Length | 10 ft | 3.05 m | |
| Cable Type | MI Hardline Cable | MI Hardline Cable | |
| Cable Termination | 10-32 Coaxial Jack | 10-32 Coaxial Jack | |
| Mounting Thread | 5-40 Female | 5-40 Female | |

OPTIONAL VERSIONS

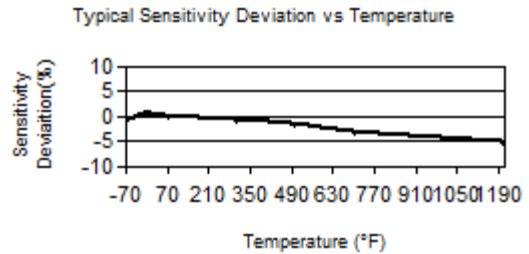
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1] Typical.
 [2] Additional cable length will add approx. 100pF/ft.
 [3] Conversion Factor 1g = 9.81 m/s².
 [4] See PCB Declaration of Conformance PS081 for details.

SUPPLIED ACCESSORIES:

Model 64287-01 Mounting Stud 5-40 to 10-32 (1)
 Model ACS-44 Extended amplitude response, upper 5% point to 10% point (requires ACS-1 or equivalent). (1)



| | | | | |
|-----------------|-----------------|-----------------|-----------------|--------------|
| Entered: LK | Engineer: NJF | Sales: MC | Approved: NJF | Spec Number: |
| Date: 3/14/2018 | Date: 3/14/2018 | Date: 3/14/2018 | Date: 3/14/2018 | 65436 |

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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