

	ENGLISH	SI	
Performance			
Sensitivity(± 10 %)	1.15 pC/g	.117 pC/(m/s ²)	[4]
Measurement Range	± 1000 g pk	± 9800 m/s ² pk	[4]
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	[3]
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	[3]
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	[3]
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

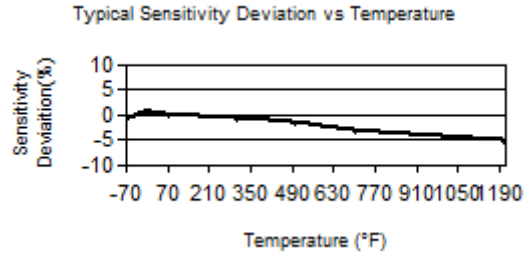
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1] Typical.
 [2] Additional cable length will add approx. 100pF/ft.
 [3] For cable lengths less than 1.5 Ft [,46m] insulation resistance is only tested to 900F [482C].
 [4] Conversion Factor 1g = 9.81 m/s².
 [5] 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)



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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Entered: LK	Engineer: RB	Sales: RWM	Approved: BAM	Spec Number:
Date: 12/6/2018	Date: 12/6/2018	Date: 12/6/2018	Date: 12/6/2018	65436