

	ENGLISH	SI	
Performance			
Sensitivity(± 30 %)	2.7 pC/g	0.28 pC/(m/s ²)	
Measurement Range	± 500 g pk	± 4905 m/s ² pk	
Frequency Range(+5 %)	5 kHz	5 kHz	[2]
Frequency Range(+10 %)	7 kHz	7 kHz	[2]
Resonant Frequency	≥ 35 kHz	≥ 35 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	[3]
Transverse Sensitivity	≤ 5 %	≤ 5 %	
Environmental			
Overload Limit(Shock)	± 5000 g pk	± 49,000 m/s ² pk	
Temperature Range	-95 to +490 °F	-70 to +254 °C	
Temperature Response	See Graph	See Graph	[1]
Electrical			
Capacitance	240 pF	240 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)	0.73 in x 0.90 in x 0.40 in	18.5 mm x 22.9 mm x 10.2 mm	
Weight	0.28 oz	7.9 gm	[1]
Electrical Connector	5-44 Coaxial	5-44 Coaxial	
Mounting	Through Hole	Through Hole	
Mounting Torque	10 to 20 in-lb	113 to 225 N-cm	

OPTIONAL VERSIONS

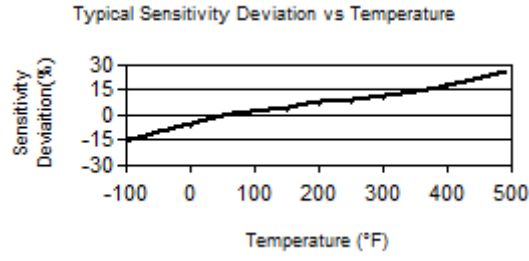
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

M - Metric Mount
 Supplied Accessory : Model M039A23 Allen wrench, 4mm hex (1)
 Supplied Accessory : Model M081A46 Mounting stud, M5 X 0.80 X 14mm (1)

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:
 Model 039A23 Allen wrench, 5/32" hex (1)
 Model 080A90 Quick Bonding Gel (1)
 Model 081A46 Mounting stud, 10-32 UNF, 0.56" long (1)
 Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1)



Entered: LK	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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