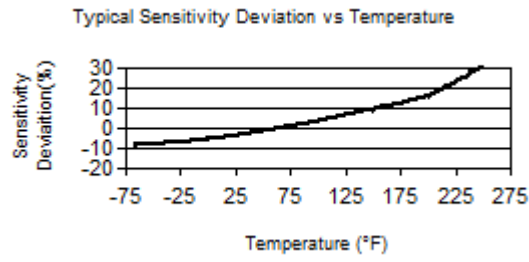


	ENGLISH	SI	
Performance			
Sensitivity(± 30 %)	0.05 mV/g	0.005 mV/(m/s ²)	
Measurement Range	± 100,000 g pk	± 980,000 m/s ² pk	
Frequency Range(± 1 dB)	1 to 10,000 Hz	1 to 10,000 Hz	
Frequency Range(± 3 dB)	0.5 to 35,000 Hz	0.5 to 35,000 Hz	
Resonant Frequency	≥ 200 kHz	≥ 200 kHz	
Broadband Resolution(1 to 10,000 Hz)	0.3 g rms	2.9 m/s ² rms	[1]
Non-Linearity(per 10,000 g (98,100 m/s ²))	± 0.5 %	± 0.5 %	[2]
Transverse Sensitivity	≤ 7 %	≤ 7 %	
Environmental			
Overload Limit(Shock)	± 200,000 g pk	± 1,960,000 m/s ² pk	
Temperature Range(Operating)	-65 to +200 °F	-54 to +93 °C	
Temperature Response	See Graph	See Graph	[1]
Base Strain Sensitivity	0.2 g/με	2.0 (m/s ²)/με	[1]
Electrical			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Impedance	≤ 100 Ohm	≤ 100 Ohm	
Output Bias Voltage	8 to 12 VDC	8 to 12 VDC	
Discharge Time Constant	0.5 to 0.7 sec	0.5 to 0.7 sec	[1]
Settling Time(within 10% of bias)	<5 sec	<5 sec	
Electrical Isolation(Case)	>10 ⁸ Ohm	>10 ⁸ Ohm	
Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Hex x Height)	0.375 in x 0.80 in	9.5 mm x 20.2 mm	
Weight(without cable)	0.15 oz	4.4 gm	[1]
Electrical Connector	Integral Cable	Integral Cable	
Cable Length	10 ft	3.05 m	
Cable Type	031 Twisted Pair	031 Twisted Pair	
Mounting Thread	1/4-28 Male	1/4-28 Male	

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.		
HT - High temperature, extends normal operation temperatures		
Temperature Range(Operating)	-65 to +250 °F	-54 to 121 °C
M - Metric Mount		
Mounting Thread	M6 x 0.75 Male	M6 x 0.75 Male

NOTES:
 [1] Typical.
 [2] Value depicts maximum sensitivity change.



SUPPLIED ACCESSORIES:
 Model ACS-14 High G shock accelerometer calibration using Hopkinson bar. (1)
 Model ACS-22 NIST Traceable frequency response (100Hz to ±1 dB point) (1)

Entered: LK	Engineer: BAM	Sales: RWM	Approved: BAM	Spec Number:
Date: 9/19/2018	Date: 9/19/2018	Date: 9/19/2018	Date: 9/19/2018	10141

*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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