

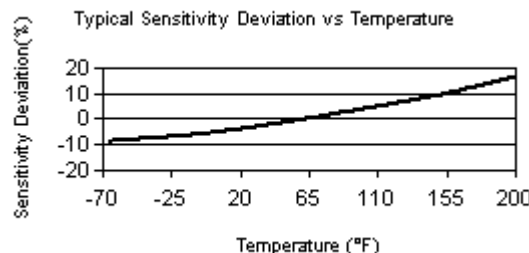
	ENGLISH	SI	
Performance			
Sensitivity(± 30 %)	0.05 mV/g	0.005 mV/(m/s ²)	
Measurement Range	± 100,000 g pk	± 980,000 m/s ² pk	
Frequency Range(± 1 dB)	1 to 10,000 Hz	1 to 10,000 Hz	
Frequency Range(± 3 dB)	0.5 to 35,000 Hz	0.5 to 35,000 Hz	
Resonant Frequency	≥ 200 kHz	≥ 200 kHz	
Broadband Resolution(1 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 20.3 mm	
Weight(without cable)	0.19 oz	4.8 gm	[1]
Electrical Connector	Integral Cable	Integral Cable	
Cable Length	10 ft	3.05 m	
Cable Type	032 Twisted Shielded Pair	032 Twisted Shielded 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.		
M - Metric Mount		
Mounting Thread	M6 x 0.75 Male	M6 x 0.75 Male

NOTES:
 [1] Typical.
 [2] Value depicts maximum sensitivity change.
 [3] See PCB Declaration of Conformance PS023 for details (however, see PCB Declaration of Conformity PS061 for optional ATEX models (i.e., those optional models including "EX" within the model number)).

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)

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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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