

	ENGLISH	SI	
Performance			
Sensitivity (±20 %)	1.7 pC/g	0.17 pC/(m/s ²)	
Measurement Range	±500 g pk	± 4905 m/s ² pk	
Frequency Range (+5 %)	10 kHz	10 kHz	[2]
Frequency Range (+10 %)	13 kHz	13 kHz	[2]
Resonant Frequency	≥50 kHz	≥50 kHz	
Non-Linearity	≤1 %	≤1 %	[3]
Transverse Sensitivity	≤5 %	≤5 %	[4]
Environmental			
Overload Limit (Shock)	±5000 g pk	± 49050 m/s ² pk	
Temperature Range	-100 to +350 °F	-73 to +177 °C	
Base Strain Sensitivity	≤0.10 g/με	≤ 1.0 (m/s ²)/με	[1]
Electrical			
Capacitance	310 pF	310 pF	[1]
Insulation Resistance (at 70° F [21°C])	>10 ¹⁰ ohms	>10 ¹⁰ ohms	
Electrical Isolation (Base)	≥10 ⁸ ohms	≥10 ⁸ ohms	
Output Polarity	Negative	Negative	
Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Anodized Aluminum	Anodized Aluminum	
Sealing	Epoxy	Epoxy	
Size (Height x Length x Width)	0.14 in x 0.45 in x 0.25 in	3.6 mm x 11.4 mm x 6.4 mm	
Weight	0.016 oz	0.45 gm	[1]
Electrical Connector	3-56 Coaxial Jack	3-56 Coaxial Jack	
Electrical Connection Position	Side	Side	
Mounting	Adhesive	Adhesive	

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.

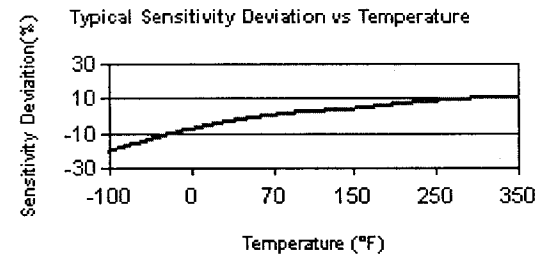
P - Positive Output Polarity		
Output Polarity	Positive	Positive

NOTES:

[1] Typical.
 [2] Low frequency response is determined by external signal conditioning electronics.
 [3] Zero-based, least-squares, straight line method.
 [4] Transverse sensitivity is typically ≤= 3%.

SUPPLIED ACCESSORIES:

Model 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1)
 Model 039A27 Removal Tool (1)
 Model 080A109 Petro Wax (1)
 Model ACS-1 NIST traceable frequency response (10 Hz to +5% point). (1)



Entered: <i>DMO</i>	Engineer: <i>DMO</i>	Sales: <i>WJL</i>	Approved: <i>PM</i>	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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