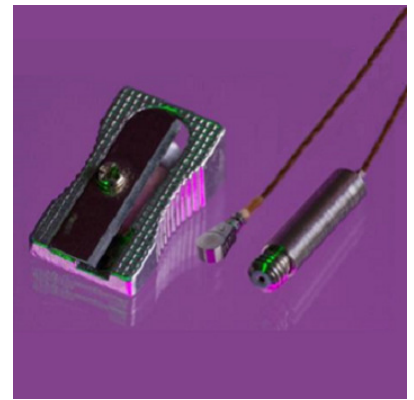


超小型压电 IEPE 单轴加速度计：A/128/V1

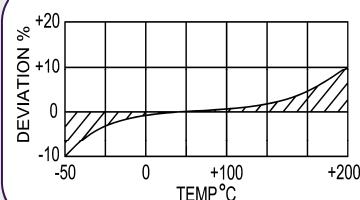
灵敏度：1mV/g ~ 10mV/g (±10%) 重量：0.19g 最高温度：200 °C



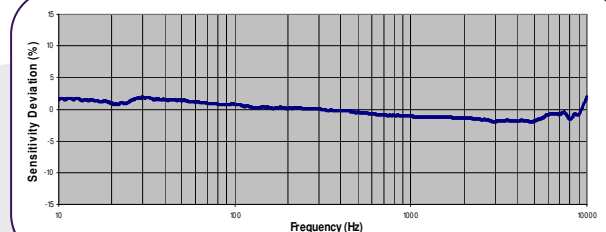
Typical Spectral Noise (10mV/g)

1Hz	987 μ g/ \sqrt Hz
10Hz	282 μ g/ \sqrt Hz
100Hz	84 μ g/ \sqrt Hz
1kHz	39 μ g/ \sqrt Hz
10kHz	39 μ g/ \sqrt Hz

Temperature Response (QF/28 not included)



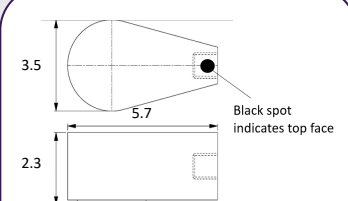
Typical Frequency Response



超小型在线电压输出，全焊接压电陶瓷剪切板传感元件。A / 128 / V的低质量使其在绝大多数轻型结构振动测量应用中变得透明。

A / 128 / V是粘合剂安装的。提供了一种拆卸工具来剪切粘合接头。应避免电击消除，因为这不利于换能器的完整性。磨擦连接面会随着时间的流逝减小基座的厚度；少用粘合剂将有助于延年益寿。信号出口通过QF / 28上的10-32 UNF微点插座，在电缆组件上成一直线。

A/128/V1



	公制			英制		
	0.102 mV/(m/s ²)	0.51 mV/(m/s ²)	1.02 mV/(m/s ²)	1mV/g	5mV/g	10mV/g
Voltage sensitivity ±10%						
Resonant Frequency	45kHz					
Typical Frequency Response ±5% ±10%	1Hz - 10kHz 0.7Hz - 11kHz	1Hz - 10kHz 0.7Hz - 11kHz	2Hz - 11kHz 0.7Hz - 13kHz	1Hz - 11kHz 0.7Hz - 13kHz	1Hz - 11kHz 0.7Hz - 13kHz	2Hz - 11kHz 0.7Hz - 13kHz
Cross Axis error	≤5%					
Temperature Range	-50/ +200°C (not including QF/28)			-58/+392°F (not including QF/28)		
Voltage sensitivity deviation (20°C/68°F)	-5% @ -50°C +5% @ +125°C ±10% @ +200°C			-5% @ -58°F +5% @ +257°F ±10% @ +392°F		
Supply Voltage	15/ 35 V DC					
Supply Current	2/20 mA					
Bias Voltage	11/14 V DC					
Settling time to 90% final val.	<5 sec					
Maximum Continuous level	49033m/s ²			5000g		
Max Shock level, rise time μ s	98100 m/s ² , 20			10000g, 20		
Saturation Limit, equiv.g	49033m/s ²	9807m/s ²	4903m/s ²	5000g	1000g	500g
Base Strain Sensitivity	≤5%					
Case Material	Stainless steel 303 S31					
Mounting	Adhesive					
Weight	0.19g			0.007oz		
Size	5.7 x 3.5 x 2.3mm			0.22 x 0.14 x 0.09in		
Connector	QF-28 (10-32 UNF Microdot)					

Please note: For information and reference only. Data should not be used as pass/fail criteria for calibration purposes