

微型压电 测地震 电荷 单轴加速度计: A/600

灵敏度: 1.2 nC/g 重量: 114.5g 最高温度: 250°C

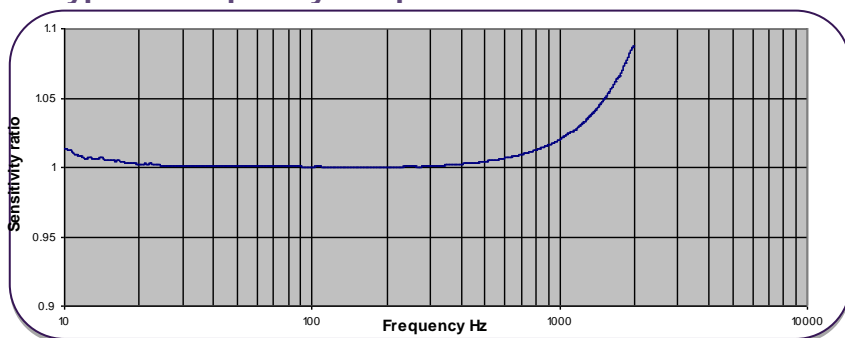


超高输出, 多剪切板振动传感器。剪力板结构提供了与机械输入(加速度除外)几乎完全隔离的功能, 从而在振动伴随高动态应变水平的应用中安全保护测量完整性。概括地说, 这些条件在模态频率低的地方很普遍, 因此与大型结构的振动测量有关。表现出显著应变响应的换能器在低频激励下可能更类似于应变仪, 因此不建议使用。

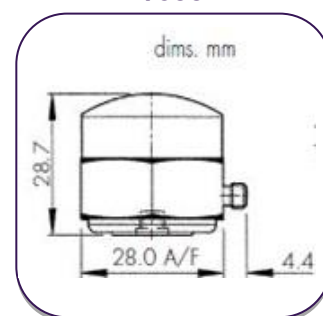
总厚度等于电荷灵敏度Q和电容C的单个板的许多平行剪切板产生电荷nC。显然, 噪声衰减会超过信号的增加, 因此, 这些产品很大程度上是信号/噪声与质量/尺寸之间的折衷。

**Options:** 宽带温度校准-50 / + 250.C A600, A600T

### Typical Frequency Response

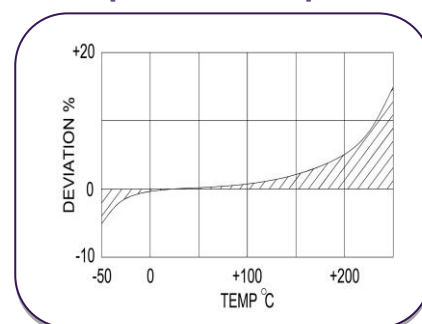


### A/600



	公制	英制
Charge Sensitivity nom.	0.12nC/(m/s <sup>2</sup> )	1.2nC/g(m/s <sup>2</sup> )
Resonant frequency	8 kHz	
Typical Frequency Response	±5% 1Hz – 1kHz ±10% 0.7Hz – 2kHz	
Cross axis error	≤5%	
Capacitance nom.	7.5 nF	
Temperature range	-50/+250°C	-58/+482°F
Charge Sensitivity Deviation (20°C / 68°F)	-5% @ -50°C +15% @ +250°C	-5% @ -58°F +15% @ +482°F
Base strain sensitivity	≤ 5%	
Pyro-electric output	0.2 q/°C	
Pyro-electric corner frequency	0.001 Hz	
Max continuous accn. g sine	6865m/s <sup>2</sup>	700g
Case material	s/steel 303 S31	
Mounting	Base tapped 10/32 UNF x 4mm deep	Base tapped 10/32 UNF x 0.16in deep
Weight	114.5gm	4.03oz
Case seal	Welded	
Size	28(AF) x 28mm	1.10(AF) x 1.10in
Connector	10-32 UNF Microdot	

### Temperature Response



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