

微型压电 测地震 IEPE 单轴加速度计：A/1600/V

灵敏度：1V/g ~ 10V/g (±10%) 重量：114.5g 最高温度：185°C

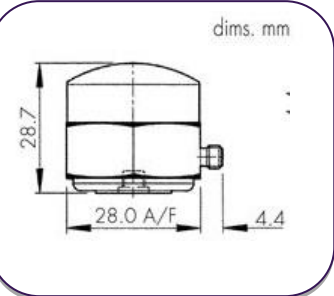


超高输出，多剪切板电压加速度计。剪力极板构造几乎与机械输入完全隔离除了加速度之外，还可以安全地保护测量中的完整性振动伴随高动态应变的应用水平。概括地说，这些条件在模态频率普遍存在低，因此与大型振动测量相关结构。应用还包括敏感的地震测量仪器安装调查。

Typical Spectral Noise

1Hz	87.4µg/√Hz
10Hz	9.2µg/√Hz
100Hz	1.9µg/√Hz
1kHz	0.65µg/√Hz
10kHz	0.48µg/√Hz

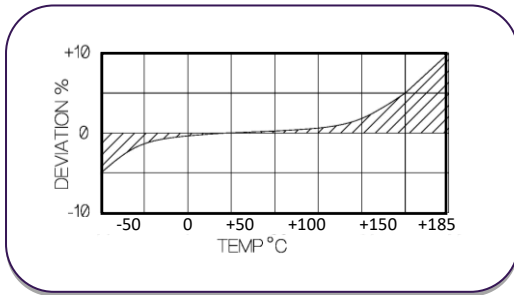
A/1600/V



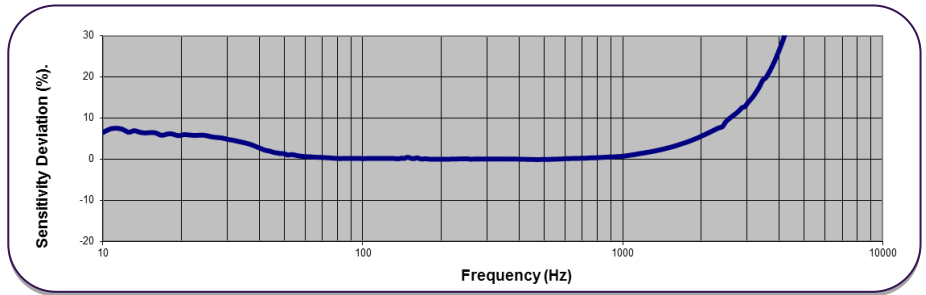
Options:

A1600V, A1600VT  
Available as a high temperature 185°C IEPE version

Temperature Response



Typical Frequency Response



	公制		英制	
Voltage sensitivity ±10%	0.1V/(m/s <sup>2</sup> )	1.02V/(m/s <sup>2</sup> )	1V/g	10V/g
Resonant frequency	8 kHz			
Typical Frequency Response ±5%	0.5Hz – 2kHz	10Hz – 2kHz	0.5Hz – 2kHz	10Hz – 2kHz
±10%	0.7Hz – 3kHz	5Hz – 3kHz	0.7Hz – 3kHz	5Hz – 3kHz
Temperature range	-50/+185°C (HT)		-58/+365°F (HT)	
Voltage Sensitivity Deviation (20°C/68°F)	-5% @ -50°C +5% @ +125°C +/-10% @ +185°C		-5% @ -58°F +5% @ +257°F +/-10% @ +365°F	
Supply Voltage	15/ 35 V DC			
Supply Current	2/ 20 mA			
Bias Voltage (20°C)	8.5/ 9.5 V DC			
Case Material	Stainless steel 303 S31			
Max continuous accn. g sine	6864m/s <sup>2</sup>		700g	
Case Material	Stainless 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, hermetic connector (TNC)			
Size	28 (A/F) x 28.7mm		1.10 (A/F) x 1.13in	
Connector	10-32 UNF Microdot			
Base Strain Sensitivity	≤ 5%			

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

