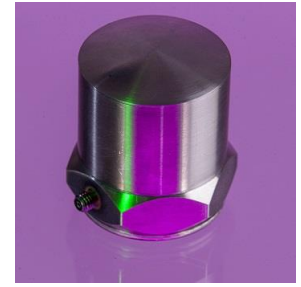


微型压电 测地震 IEPE 单轴加速度计：A/1800/V

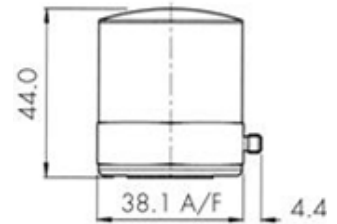
灵敏度：10V/g $\pm 10\%$ 。重量：400g 最高温度：125 °C

高压输出，多个剪切板IEPE振动传感器，用于微克液位测量—几乎不受应变输入副作用的影响，可确保低频，测量完整性。

由于加速度计的尺寸和质量，其应用仅限于大型建筑物的地震勘测或低水平振动测量。

虽然可以提供其他灵敏度，但10V / g的高输出将范围限制为仅0.5g。

A/1800/V



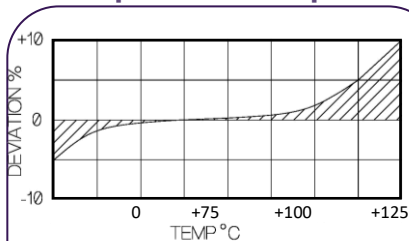
Spectral Noise:

1Hz	48 μ g/ $\sqrt{\text{Hz}}$
10Hz	23 μ g/ $\sqrt{\text{Hz}}$
100Hz	250ng/ $\sqrt{\text{Hz}}$
1kHz	61ng/ $\sqrt{\text{Hz}}$

Options:

- Hermetic TNC connector version: ref A/1800/VTC
- High temperature version – HT
- Other sensitivities available
A/1800V – Side entry
A/1800/VT – Top entry
A/1800/VTC – Top entry

Temperature Response



	公制	英制
Voltage sensitivity $\pm 10\%$	1.02 V/(m/s ²)	10V/g
Resonant frequency	4 kHz	
Typical Frequency Response	0.3Hz – 1kHz 0.2Hz – 1.5kHz	
Cross axis error	$\leq 5\%$	
Temperature range	-50°C / +125°C	-58°F / +257°F
Voltage sensitivity deviation (20°C/68°F)	5% @ -50°C +5% @ +125°C	5% @ -58°F +5% @ +257°F
Supply Voltage	15/ 35 V DC	
Supply Current	2/ 20 mA	
Bias Voltage (20°C)	8.5/ 9.5	
Maximum continuous g level	4903m/s ²	500g
Case Material	Stainless steel 303 S31	
Mounting	Base tapped 1/4-28 UNF x 4mm deep	Base tapped 1/4-28 UNF x 0.16in deep
Weight	400gm	14.1oz
Case Seal	Welded, hermetic connector (TNC)	
Size	38.1 (A/F) x44mm	1.5 (A/F) x 1.73in
Connector	10-32 UNF Microdot	
Base Strain Sensitivity	$\leq 5\%$	

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