



微型压电 测地震 电荷 单轴加速度计: A/800

灵敏度: 9nC/g

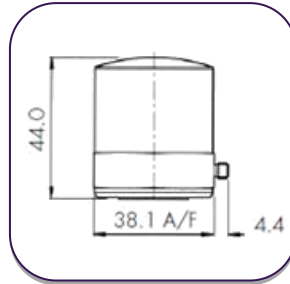
重量: 400g

最高温度: 250 °C

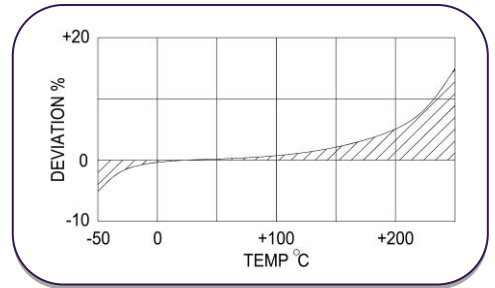
最高灵敏度的多剪切板振动传感器，用于微克液位测量—几乎不受应变输入副作用的影响，可确保低频，测量完整性。系统鼻位10-2pC相当于1mg。如果带宽限制为1 kHz，则本底噪声应大大低于此值。请记住，电荷放大器的噪声会随输入电容的增加而增加-噪声评估应在电荷放大器的输入正确端接的情况下进行。换能器在其与结构的连接点处增加了质量，因此施加了透明性约束，在此之上数据破坏过多。

换能器质量降低3%，换能器将结构质量增加10%。因此，A / 800的应用范围仅限于民用中的低水平振动调查工程和重型工程领域。

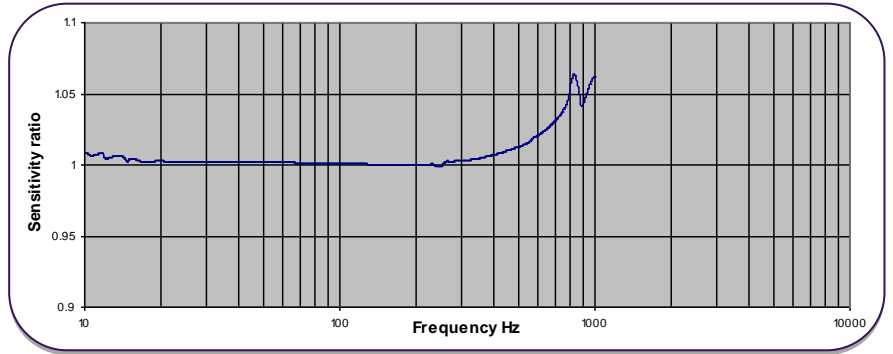
A/800



Temperature Response



Typical Frequency Response



Options:

- A/800 – Side entry
- A/800/T – Top entry
- A/800/TC – Top entry, Hermetic TNC Connector

- Wideband temperature calibration, -50/+250°C

	公制	英制
Charge sensitivity nom.	0.92nC/(m/s ²)	9nC/g
Resonant frequency	4 kHz	
Typical Frequency Response	±5% 0.5Hz – 2kHz	
	±10% 0.7Hz – 3kHz	
Cross axis error	≤5%	
Capacitance	26/31 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%	
Max continuous accn. g sine	4903m/s ²	500g
Case material	s/steel 303 S31	
Mounting	Base tapped ¼ UNF x 4mm deep	Base tapped ¼ UNF x 0.16in deep
Weight	400gm	14.11oz
Case Seal	Welded, hermetic connector (TNC)	
Connector	TNC	
Size	38.1 (A/F) x 44mm	1.5 (A/F) x 1.73in

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

