



超微型压电 电荷 单轴加速度计：A/24/E
灵敏度：5pC/g 重量：2g 最高温度：200 °C

三种低质量（2gm）加速度计，带有Konic剪切传感元件，焊接结构，微型（理论厚度为3.5mm）侧面或顶部入口同轴连接器以及钛金属外壳。

两种胶粘剂安装版本（A/24/E，A/24/TE）配有粘结隔离盘，可最大程度减少接地环路干扰，同时顶部入口连接器版本（A/24/TS）也可提供整体安装螺柱，但无隔离。

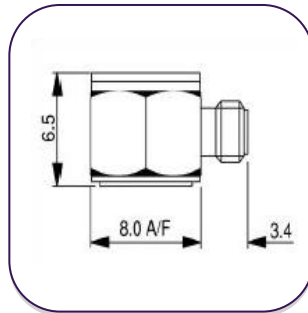
A/24系列的质量轻，可在各种振动响应和结构测试应用中将质量载荷效应降至最低。Konic剪切设计在最小化横轴误差方面处于市场领先地位。

Options:

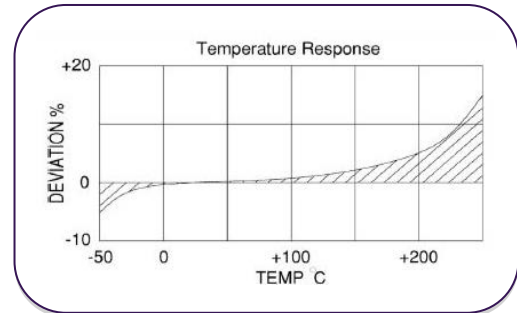
A/24/E - Side Entry, 50/+200°C
A/24/TE – Top entry, 50/+200°C
A/24/TS – Top entry stud, 50/+250°C

• Wideband temperature calibration

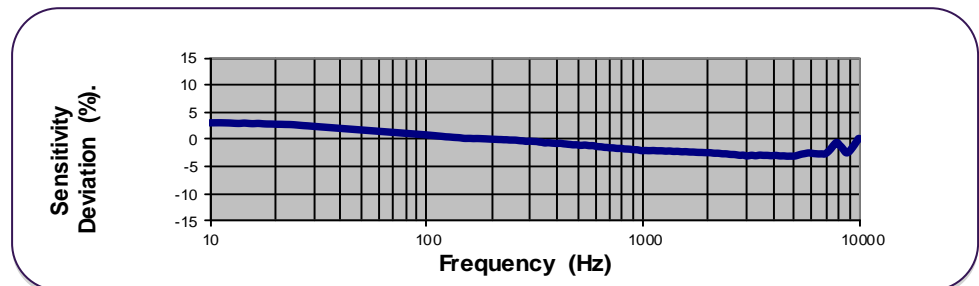
A/24/E



Temperature Response



Typical Frequency Response



	公制	英制
Charge sensitivity nom.	0.50pC/(m/s ²)	5pC/g
Resonant Frequency	55 kHz	
Typical Frequency Response	1Hz – 10kHz 0.7Hz – 11kHz	
Capacitance nom.	750pF	
Cross Axis error	5% max	
Temperature Range	-50/200°C	-58/392°F
Charge sensitivity deviation (20°C/68°F)	-5% @ -50°C +15% @ 250°C	-5% @ -58°F +15% @ 482°F
Base strain sensitivity	≤ 5%	
Maximum Continuous accn. g sine	49033m/s ²	5000g
Maximum shock g level, rise time μs	98100m/s ² , 30	10000g, 30
Pyro-electric output	0.15g/°C	
Pyro-electric corner frequency	0.005Hz	
Case Material	Titanium Grade 2	
Mounting	Adhesive; Isolated base	
Weight	2gm	0.07oz
Case Seal	Welded	
Size	8 (A/F) x 9mm	0.31 (A/F) x 0.35in
Connector	M3.5 KP connector (3.5mm)	

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