

微型压电 高灵敏度 电荷 单轴加速度计：A/21

灵敏度：360pC/g 重量：95 g 最高温度：250°C



高输出和最小的应变诱发误差敏感性将A/21的测量范围扩展至 $10^{-5}g$, 10^{-1} Hz region.

A / 21应用领域包括在土木和海洋工程领域中发生的低频动态分析。

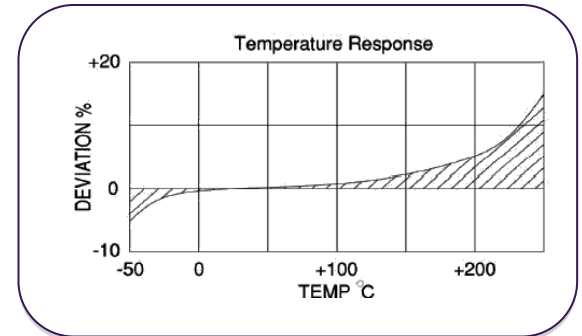
Konic剪切感应元件，所有焊接结构以及完全不存在环氧树脂和焊接连接的特性，可最大限度地提高灵敏度/质量比（3pC / gm），可靠性和工作温度。

Options:

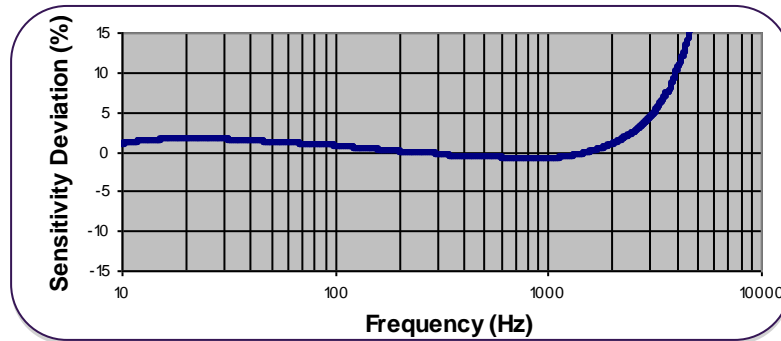
A/21 – Side entry
A/21/T – Top entry
A/21/TC – Top entry,
Hermetic TNC Connector

•宽带温度
校准-50 / + 250°C•耐压
测试：
密封版本，带有
或没有电缆，可以
在进行压力测试
持续上升
到100巴

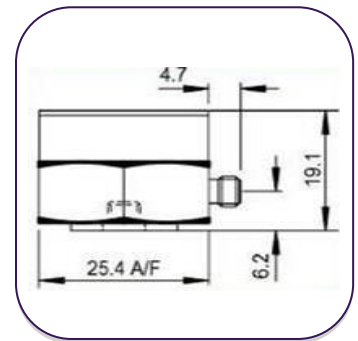
Temperature Response



Typical Frequency Response



A/21



	公制	英制
Charge sensitivity nom.	36.71pC/(m/s ²)	360pC/g
Resonant Frequency	10 kHz	
Typical Frequency Response	±5%	1Hz-2kHz
	±10%	0.7Hz-3kHz
Cross Axis error	5% max	
Capacitance nom.	1700pF	
Temperature range	-50/+250°C	-58/+482°F
Charge sensitivity deviation (20°C/68°F)	-5% @ -50°C +15% @ +250°C	-5% @ -50°F +15% @ +482°F
Base strain sensitivity	≤ 5%	
Pyro-electric output	0.08 g/°C	
Pyro-electric corner frequency	0.001 Hz	
Maximum continuous accn.g sine	4,903m/s ²	1000g
Case Material	s/steel 303 S31	
Mounting	Tapped Base, 10-32UNF, 4mm Deep	Tapped Base, 10-32UNF, 0.16in Deep
Weight	95g	3.35oz
Case seal	Welded	
Size	25.4 (A/F) x 20.1mm	1 (A/F) x 0.79in
Connector	10-32 UNF Microdot	

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