

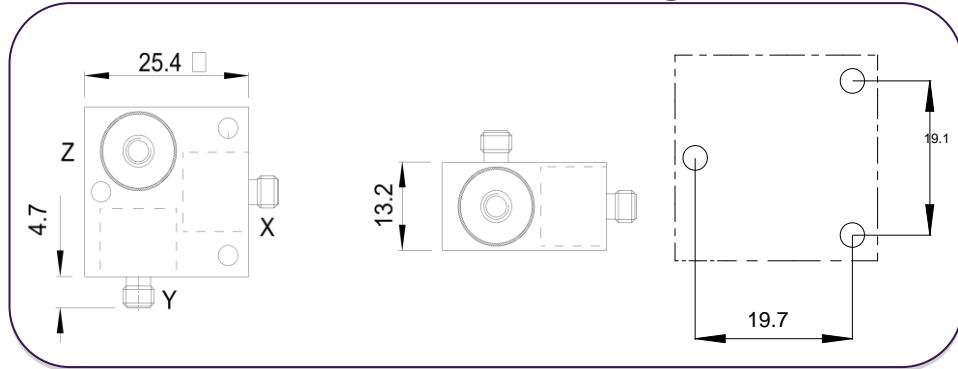


微型压电 电荷 三轴加速度计: A/30
 灵敏度: 25pC/g 重量: 38g 最高温度: 220 °C

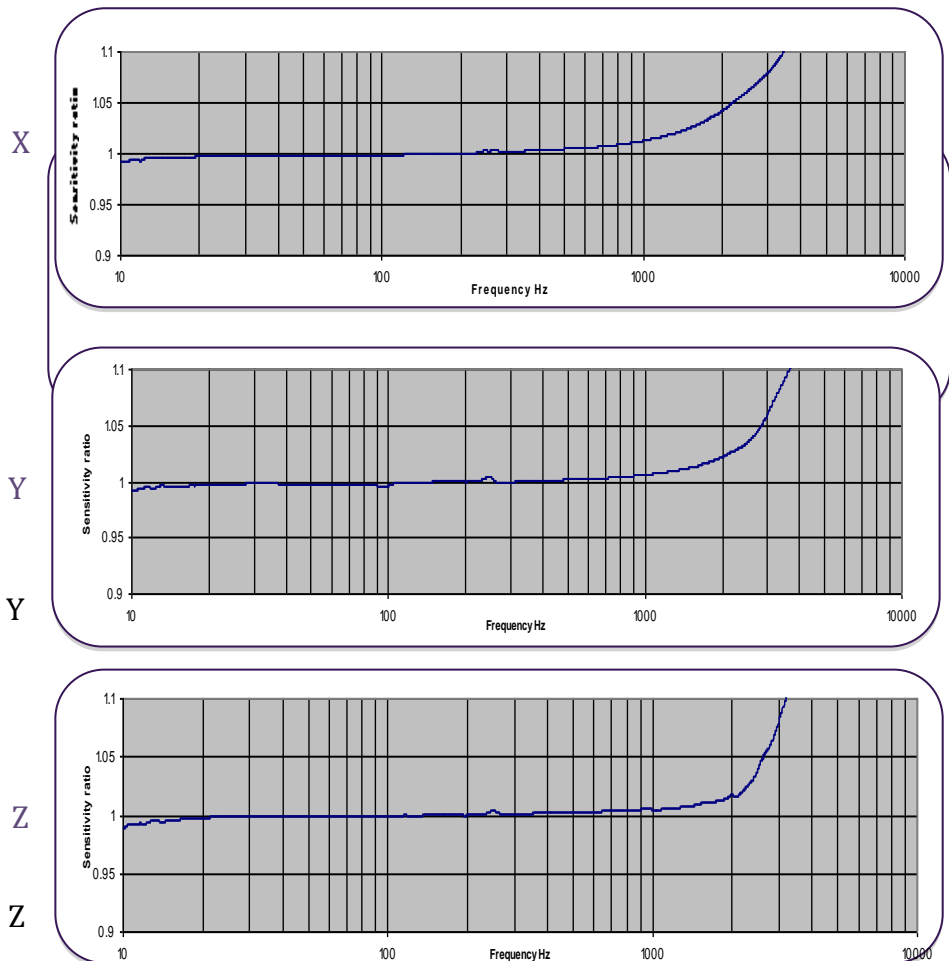
通用三轴振动传感器，包括三个焊接在垂直的阳极氧化铝外壳中的焊接的Konic剪切传感元件。插件分别与外壳进行电绝缘，从而消除了接地回路的干扰。结构中隐含的附加机械隔离几乎消除了应变引起的误差。的结构对动力作用的空间响应，可能会导致错误的单轴振动或冲击测量。传感器固有的方向性。在认为有问题的情况下，可以进行绝对值和方向计算的正交三轴测量提供了一种解决方案。d33分量抑制特性Konic设计可最大程度地减小跨轴误差，对于三轴测量的完整性尤为有利。

A/30

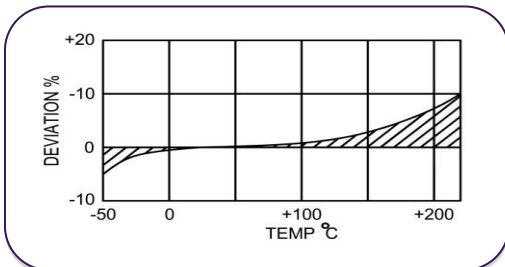
A/30 fixings



Typical Frequency Response



Temperature Response



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



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Options

- Wideband temperature calibration
A/30, A/30-1

	公制		英制	
	Charge sensitivity nom.	2.04pC/(m/s ²)	2.55pC/(m/s ²)	20pC/g
Resonant Frequency	X / Y Axis 13kHz		Z Axis 15kHz	
Typical Frequency Response	±5% ±10%		1Hz – 3kHz 0.7Hz – 4kHz	
Pyro-electric output	0.2°C			
Pyro-electric corner frequency	0.002Hz			
Cross Axis error	≥5% max			
Capacitance	900/1400 pF			
Temperature Range	-50/ +220°C		-58/ +428°F	
Charge sensitivity deviation (20°C/68°F)	-5% @ -50°C +10% @ 220°C		-5% @ -58°F +10% @ +428°F	
Base strain Sensitivity	≤ 5%			
Maximum Continuous accn.g sine	9807m/s ²		1000g	
Maximum shock g level, rise time μs	98100m/s ² , 30		10000g,30	
Materials	s/steel 303 S31 inserts Hard Anodized Aluminum Alloy Mounting Block			
Mounting	3 x 3mm Ø through holes		3 x 0.11in Ø through holes	
Weight	38g		1.34oz	
Case Seal	Transducer inserts welded, bonded into hard anodized aluminum block			
Size	25.4 x 25.4 x 13.2mm		1 x 1 x 0.52in	
Connector	10-32 UNF Microdot			

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