

微型压电 电荷 单轴加速度计: A/20

灵敏度: 30pC/g 重量: 12.5 g 最高温度: 250 °C

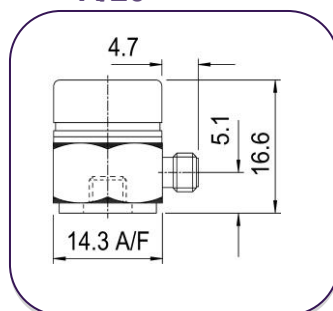


具有以下属性的通用振动传感器: 钾离子剪切传感元件, 可从12.5克传感器提供25-40pC / g信号

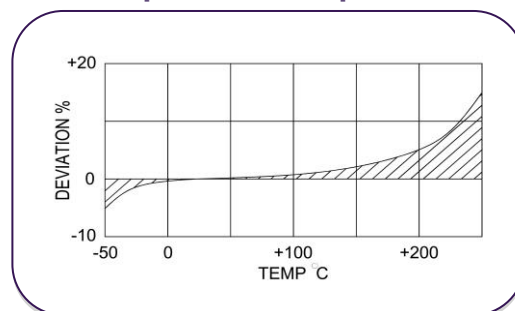
所有焊接的钛合金结构 (包括信号连接) 在不利的工作条件下都可以延长使用寿命。

相对没有应变引起的误差, 降低了低频测量的不确定性。

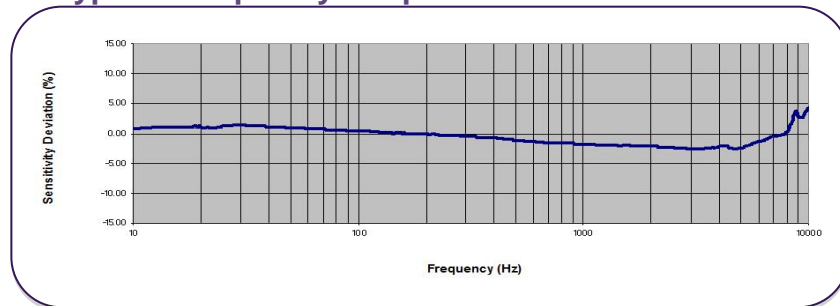
A/20



Temperature Response



Typical Frequency Response



	公制	英制
Charge sensitivity nom.	3.06pC/(m/s <sup>2</sup> )	30pC/g
Resonant Frequency	28 kHz	
Typical Frequency Response	±5% 1Hz – 8kHz ±10% 0.7Hz – 9kHz	
Cross Axis error	≤5%	
Capacitance nom.	1400 pF	
Temperature range	(opt. -71) -50/ +250°C	(opt. -95.8) -50/ +482°F
Charge sensitivity deviation (20°C / 68°F)	-10% @ -71°C -5% @ -50°C +15% @ +250°C	-10% @ -95.8°F -5% @ -58°F +15% @ +482°F
Pyro-electric output	0.2 g/°C	
Pyro-electric corner frequency	0.002Hz	
Base strain sensitivity	<5%	
Maximum continuous accn.g sine	19613m/s <sup>2</sup>	2000g
Case Material	Titanium Grade 2	
Mounting	Tapped Base, 10-32 UNF, 4mm Deep	Tapped Base, 10-32 UNF, 0.16in Deep
Weight	12.5gm	0.44oz
Case seal	Welded	
Size	14.3 (A/F) x 16.6mm	0.56" (A/F) x 0.65in
Connector	10-32 UNF Microdot	

#### Options:

A/20 – Side entry  
A/20/T – Top entry  
A/20/TC – Top entry, Hermetic TNC Connector

- Close Tolerance output
- Wideband temperature calibration - 50/+250°C

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