T: 150 210 98804 www.hansfordsensors.com.cn

微型压电 IEPE 三轴加速度计：A/136/V
灵敏度：1mV/g ~ 200mV/g （±10%） 重量：24.9g 最高温度：185˚C

由三个独立的Konic Shear组成的三轴振动传感器

IEPE电压输出压电加速度计垂直安装在钛块内。 每个传感器均具有完全焊接的结构，除模块校准外，每个轴均单独进行校准。

所有的Microdot连接器都向同一方向退出。 每个插件都与外壳分别电绝缘，从而消除了接地环路干扰。

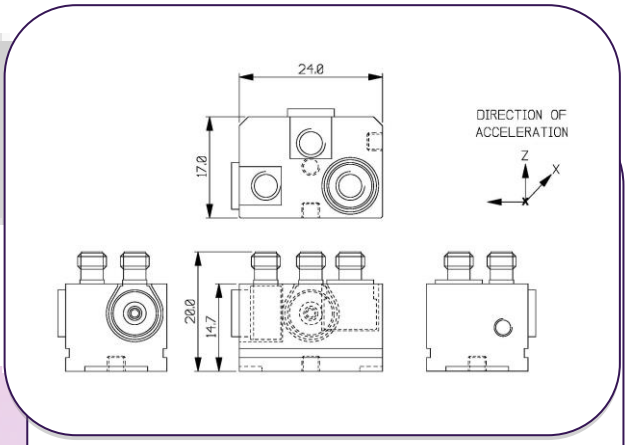
多传感器解决方案还具有可维修的优势。 如果插入件损坏，通常可以将其卸下并更换，从而节省了新的加速度计的成本。

A / 136可以胶粘剂安装或夹子安装。

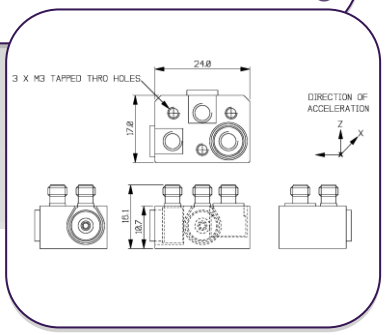
A / 36-1具有M3的通孔，用于安装。

还可以与独特的高温IEPE解决方案一起使用，该解决方案可以测试高达185°C的温度。

A/136 Drawing

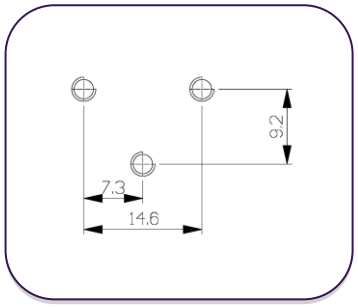


A/136-1 Drawing



	公制			英制		
Voltage Sensitivity ±10%	0.1 mV/(m/s²)	1.02 mV/(m/s²)	10.2 mV/(m/s²)	1mV/g	10mV/g	100mV/g
Resonant Frequency	Z Axis ≈ 21kHz X/Y Axis ≈15kHz					
Typical Frequency Response ±5% ±10%	1Hz–4kHz 0.7Hz-5kHz	1Hz–4kHz 0.7Hz-5kHz	1Hz – 4kHz 0.7Hz – 5kHz	1Hz–4kHz 0.7Hz–5kHz	1Hz–4kHz 0.7Hz-5kHz	1Hz–4kHz 0.7Hz-5kHz
Cross Axis Error	≤5% max					
Temperature Range	-50/ +125ºC (+185ºC HT)			-58/+257ºF (+365ºF HT)		
Voltage Sensitivity Deviation	-5% @ -50ºC +5% @ +125ºC ±10% @ +185ºC			-5% @-58 ºF +5% @+257ºF ±10% @+365 ºF		
Supply Voltage	15/35 V DC					
Supply Current	2/20 mA					
Bias Voltage	8/10 V DC					
Setting time to 90% final val.	<1 sec					
Max Continuous accn.g sine	9806m/s²			1000g		
Saturation Limit	49033m/s²	4903m/s²	490.3m/s²	5000g	500g	50g
Case Material	Titanium Grade 2					
Mounting	Adhesive/ 3x M3 Tapped Holes/Clip					
Weight	24.9g			0.88oz		
Case Seal	Welded					
Size	24 x 17 x 14.7mm			0.95 x 0.66 x 0.58in		
Connector	3 x 10-32 UNF Microdot					
Base Strain Sensitivity	≤ 5%					

A/136-1 Cut through holes



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

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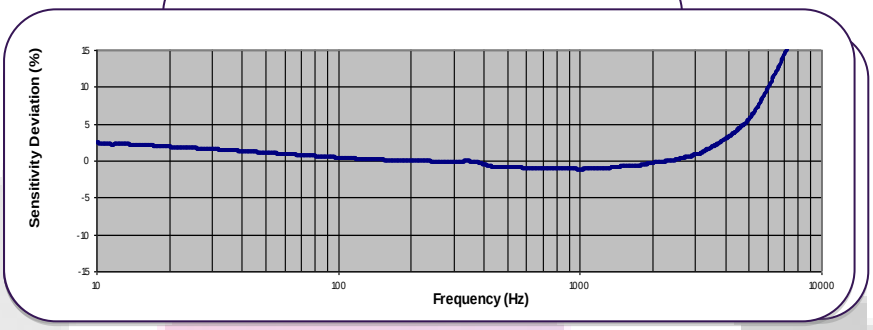
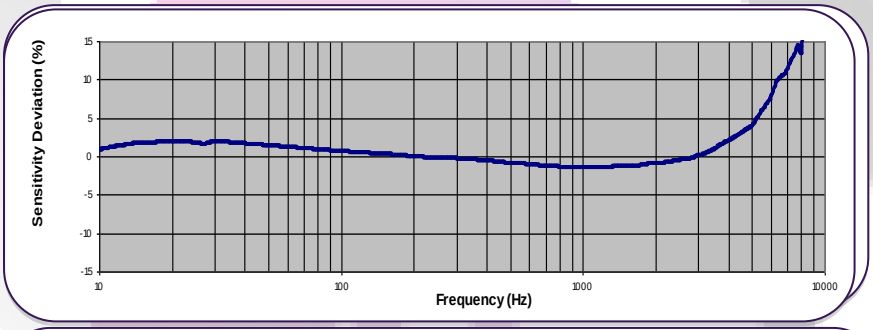
Typical Frequency Response

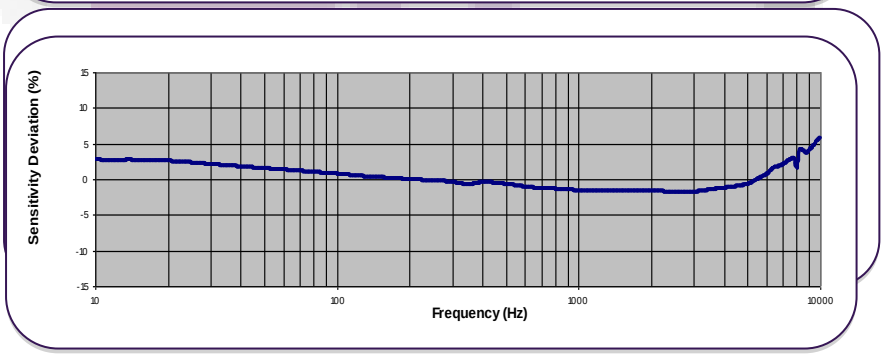
X Axis



Y Axis



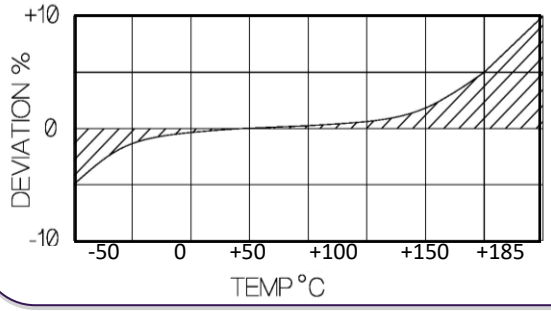
Z Axis



Typical Spectral Noise (100mV/g)

1Hz	345µg/√Hz
10Hz	156µg/√Hz
100Hz	44µg/√Hz
1kHz	12.1µg/√Hz
10kHz	8.2µg/√Hz

Temperature Response



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