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微型压电 IEPE 三轴加速度计：A/134/V
灵敏度：1mV/g ~ 200mV/g （±10%） 重量：19g 最高温度：185˚C

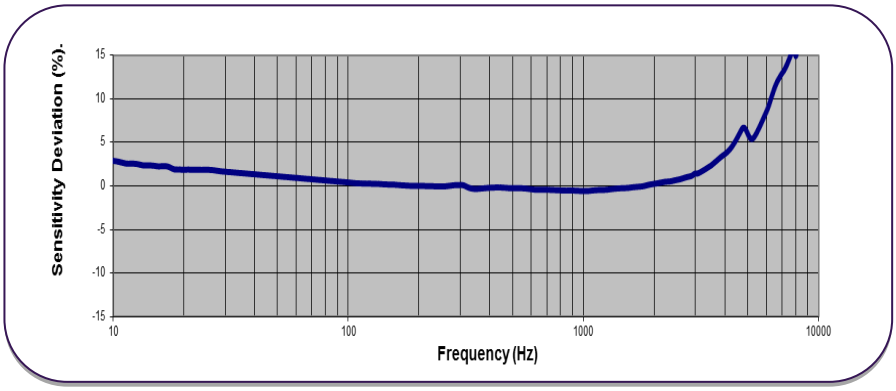
轻巧的三轴振动传感器，包括三个，Konic剪切IEPE，所有焊接插件，均正交粘结在硬质阳极氧化铝外壳中。 插件分别与外壳绝缘，从而消除了接地环路干扰。 低阻抗O / P可提供高度的抗噪能力（与50Hz时的等效电荷源设备相比提高了80dB），并允许与低成本同轴电缆一起使用。 结构中隐含的附加机械隔离也几乎消除了应变引起的误差。 所有3x10-32 UNF Microdot连接器都朝同一方向退出。

Konic设计的d33分量抑制特性可最大程度地减小跨轴误差，对于三轴测量的完整性尤其有利。

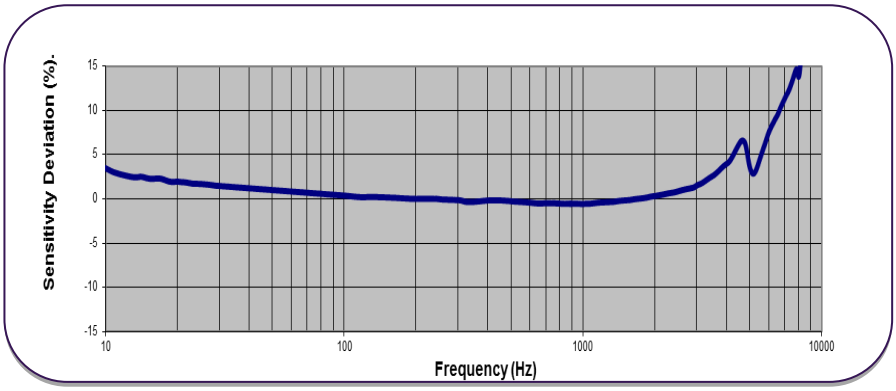
多传感器解决方案还具有可维修的优势。如果插入件损坏，通常可以将其卸下并更换，从而节省了新的加速度计的成本。

## Typical Frequency Response

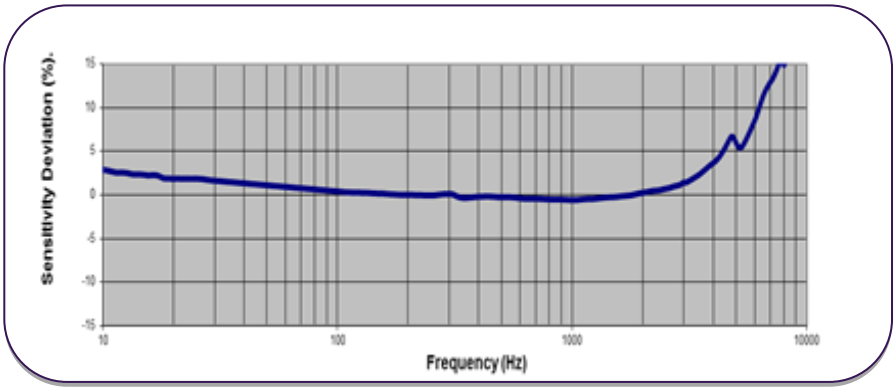
X



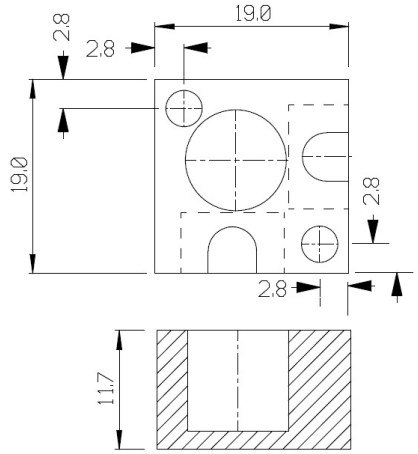

Y




Z




## A/134




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


微型压电 IEPE 三轴加速度计：A/134/V
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## Options

Wideband temperature calibration

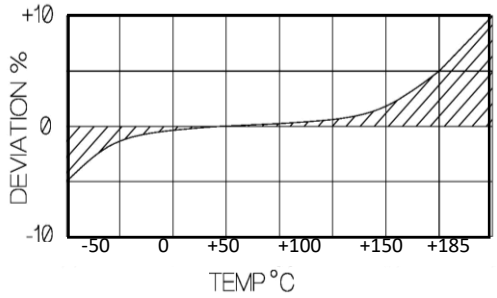
A/134/V, A/134/V-3

Also available with DJB's unique high temperature IEPE solution capable of testing up to 185°C as an option.

**Typical Spectral Noise (100mV/g)**

| | |
|---|---|
| 0.5Hz | 792µg/√Hz |
| 1Hz | 761µg/√Hz |
| 10Hz | 193µg/√Hz |
| 100Hz | 37.3µg/√Hz |
| 1kHz | 11.2µg/√Hz |
| 10kHz | 4.2µg/√Hz |

## Temperature Response




| | 公制 | | 英制 | |
|---|---|---|---|---|
| Voltage Sensitivity ±10% | 1.02mV/(m/s$^2$) | 10.2mV/(m/s$^2$) | 10mV/g | 100mV/g |
| Resonant Frequency | X/Y Axis 25kHz Z Axis 28kHz | | | |
| Typical Frequency Response ±5%<br>±10% | 1Hz - 4kHz<br>0.7Hz – 5kHz | | | |
| Cross Axis Error | ≤5% max | | | |
| Temperature Range | -50/ +185ºC | | -58/ +365ºF | |
| Voltage Sensitivity Deviation<br>(20ºC / 68ºF) | -5% @ -50ºC<br>+5% @ +185ºC | | -5% @ -58ºF<br>+5% @ +365ºF | |
| Supply Voltage | 15/35 V DC | | | |
| Supply Current | 2/20 mA | | | |
| Bias Voltage (20ºC/ 68ºF) | 9/10 V DC | | | |
| Base Strain Sensitivity/Strain | <0.001 | | | |
| Max Continuous accn. g sine | 9806m/s$^2$ | | 1000g | |
| Case material | Inserts stainless steel 303 S31<br>Mounting block anodized aluminum alloy | | | |
| Mounting | 2 x 3.57 mm through holes | | 2 x 0.14" through holes | |
| Weight | 19g | | 0.67oz | |
| Case Seal | Welded transducer inserts, bonded into hard anodised aluminum block | | | |
| Size | 19.1 x 19.1 x 11.7mm | | 0.75 x 0.75 x 0.46in | |
| Connector | 10-32 UNF Microdot | | | |
| Base Strain Sensitivity | ≤ 5% | | | |

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