

小型双轴、三轴一体化振动传感器

Small Integration biaxial and triaxial vibration sensor

CZ-034系列（双轴）、CZ-035系列

产品采用的是硅压阻加速度计测振动的原理,敏感元件感受振动信号后输出电压,经后级的电子检测电路滤波、放大后输出,为满足小型化要求,电路进行集成。产品进行了系列化设计,可供不同频带、各种量程使用。

- 测量范围: 5 ~ 100g, 可调
- 频响: 10 ~ 2000Hz, 可调
- 最大横向灵敏度比不大于5%。
- 幅值线性度: 每25g幅值线性度变化不大于1%。
- 供电电压: $\pm 12V$, $\pm 15V$
- 输出信号: 0 ~ 5V
- 零位: $2.5 \pm 0.1V$
- 带外衰减: $\geq 45dB$ /倍频程
- 在任何情况下, 输出电压不得高于 + 6.5V,最低不得低于 - 0.7V。
- 质量: 小于80g
- 外形如下图

The product uses silicon piezoresistive accelerometer to measure vibration, Sensing element output voltage after vibration signal, the output signal is filtered and enlarged by electronic detection post-circuit, to meet the requirements of miniaturization, we adopt integration circuit. Product seriation design was carried out for different frequency bands and all kinds of range.

- Measurement range: 5 ~ 100g, adjustable
- frequency response: 10 ~ 2000Hz, adjustable
- Maximum transverse sensitivity ratio: MAX 5%。
- amplitude linearity: amplitude linearity change of each 25 g is not greater than 1%
- voltage: $\pm 12V$, $\pm 15V$
- output signal: 0 ~ 5V
- zero: $2.5 \pm 0.1V$
- attenuation out the Passband $\geq 45dB$
- In any case, the output voltage shall not be higher than + 6.5 V, the lowest shall be not less than - 0.7 V.
- weight: MAX. 80g
- following is picture of product

