

**硅微结构小型单轴、双轴振动和双轴冲击传感器**

**Small uniaxial, biaxial and biaxial shock vibration sensor with silicon microstructure**

**Cz-033系列**

小型单轴、双轴振动和双轴冲击传感器由于其体积小、重量轻、测量范围宽，特别是超宽的工作温度（-120℃ ~ +100℃）使其在导弹和运载中的应用前景十分广阔。该产品的研制可填补国内小型低温振动传感器领域的空白，更可推广到过载测量等其它领域。

**技术指标**

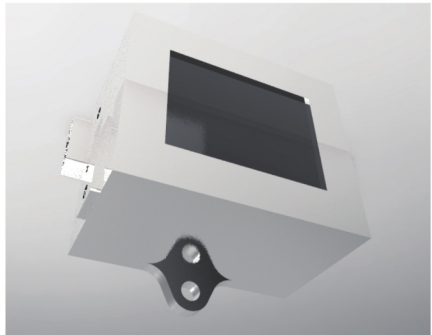
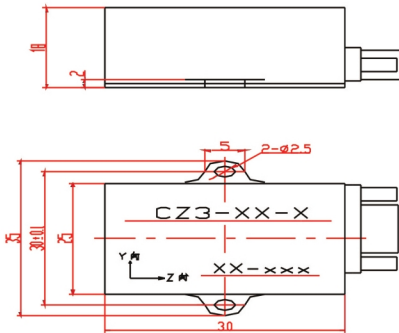
- 测量范围：5 ~ 100g，可调
- 频响：10 ~ 1000Hz，10 ~ 2 000Hz，可调
- 横向灵敏度：≤1%
- 重复误差：≤1%
- 供电电压：±12V，±15V
- 输出信号：0 ~ 5V
- 零位：2.5 ± 0.1V
- 带外衰减：≥45dB/倍频程
- 质量：2.5 g
- 体积：30mm25mm18mm，外形如下图

Because of small volume, light weight, wide measuring range, especially super wide working temperature (120 °C ~ + 100 °C), small uniaxial, biaxial and biaxial shock vibration sensor have a broad application prospect in the missile and the carrier field.

Development of this product fills the domestic blank in the field of small vibration sensor at low temperature, but also promot to overload measurement and other fields.

**Performance index**

- Measurement range: 5 ~ 100g, adjustable
- frequency response: 10 ~ 1000Hz, 10 ~ 2000Hz, adjustable
- Transverse Sensitivity: ≤1%
- repetitive error: ≤1%
- voltage: ±12V, ±15V
- output signal: 0 ~ 5V
- zero: 2.5 ± 0.1V
- attenuation out the Passband: ≥45dB
- weight: 25g
- volume : 30mm25mm18mm, shape as following



外形尺寸和安装尺寸  
Overall and installation dimension