

EA-212 Piezoelectricity Acceleration Sensor**Application**

Mobile inspection

General detection for industrial field

Features

IEPE voltage signal output

Double-layer isolation shield

Isolation between signal and shell

Good stability and reliability

Dynamic Characteristics

Sensitivity (160Hz, 2g): ~50mV/g

Detection Range: 100g

Transverse sensitivity: <5%

Frequency response: 1~8000Hz(±10%)

Resonant frequency: 30kHz

Amplitude nonlinearity: ≤1%

Shock limitation: 4000g

Electrical characteristic

Supply current: 2~10mA

Supply voltage: 12~24V(DC)

Output voltage(Peak value): ≤6V

DC offset voltage: 6~8V

Noise: <2mg

Output impedance: <100Ω

Physical Characteristics

Temperature range: -50~+120C°

Weight : 35g

Shell material : stainless steel

Sensitive material: PZT-5

Structure design: shear

Install way: M5 thread

Output way: top M 12x1 four-core socket

