



SINOCERA



Global Sensor Technology

IEPE Accelerometer (Small size, High sensitivity)

Model CA-YD-1160

FEATURES

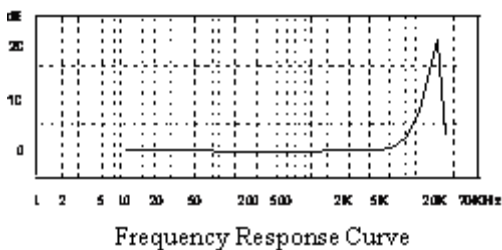
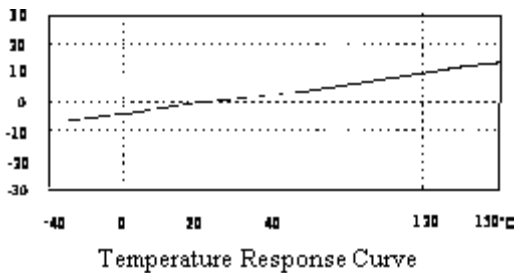
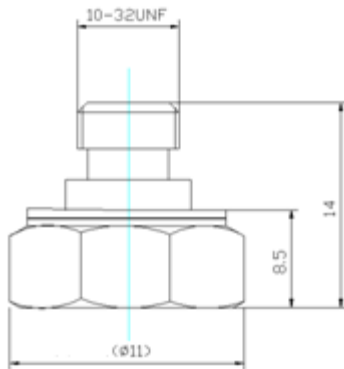
- Built-in IEPE circuit
- Small size, light weight, high sensitivity
- Wide frequency response

SUPPLIED WITH

Calibration chart



Technical Specifications:



Axial Sensitivity (20±5°C)	100mV/g
Measurement Range (peak)	50g
Transverse Sensitivity	≤5 %
Frequency Response (0.5dB)	0.5 to 5,000 Hz
Mounting Resonance Frequency	20,000 Hz
Polarity	Positive
Operating Temp. Range	-40 to +120 °C
Shock Limit (±peak)	2,000g
Operating Voltage (constant-current source)	+18 to +28 V (DC)
Operating Current	+2 to +10mA (typical 4mA)
Output Signal (peak)	≤6V
Noise (1 to 20kHz)	<0.5 mg
Base Strain Sensitivity	2mg/με
Magnetic Sensitivity	1 g/T
Thermal Transient Sensitivity	10mg/°C
Output Impedance	<100 Ω
DC Offset Voltage	12±2 VDC
Weight	5g
Case Material	Stainless steel
Mounting Method	Glue
Sensing Element	PZT-5
Structural Design	Shear
Output Type	L5 (top)
Accessories:	
Sensor Certificate	Calibration parameter, frequency response curve
M5 bolt, Protection cap	one
Double-ended L5 (2m) STYV-1	one