IEPE Accelerometer (Small Size / Light Weight)

Model: CA-YD-C05

Specifications:

Axial Sensitivity (20±5℃)	5 mV/g
Measurement Range (Peak Value)	1000 g
Transverse Sensitivity	≤ 5%
Nonlinearity	≤ 1%
Frequency Response (±5%) (±10%)	 2～15000 Hz 1.3～20000 Hz
Mounting Resonance Frequency	≥50000 Hz
Power Supply Voltage （Constant Current Source）	+18～+30 VDC
Operation Current	+2～+20 mA
Output Impedance	＜100 Ω
DC Bias Voltage	10±2 VDC
Operation Temp. Range	-50～+121 ℃
Shock Limit	10000g
Weight	0.5g (excluding cable)
Size	9.2mm × 6.4mm× 3.9mm
Case Material	Hard alumina
Mounting Method	Adhesive
Sensing Element	PZT-5
Sensing Geometry	Shear
Output Type	3m Integrated Cable with L5 (side)
Insulation (base)	≥100M Ω
Low Noise Cable L5 to BNC	Included
Calibration Certificate	Included

