IEPE Accelerometer (Small Size / High Sensitivity / Light Weight)

Model: CA-YD-1C100

Specifications:

Axial Sensitivity (20±5℃)	100 mV/g
Measurement Range (Peak Value)	50 g
Transverse Sensitivity	≤ 5%
Nonlinearity	≤ 1%
Frequency Response (±5%) (±10%)	 1～10000 Hz 0.7～15000Hz
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	5000g
Weight (including the removable mounting disc)	2.2g
Size	7.95mm × 7.9mm
Case Material	Titanium Alloy
Mounting Method	M3 / Adhesive
Sensing Element	PZT-5
Sensing Geometry	Shear
Output Type	L3 (side)
Grounding	Signal Ground Connected to Case
Mounting Disc for Adhesive mounting	Included
Low Noise Cable L3 to BNC	Included
Calibration Certificate	Included

L3

M3 Mounting Boss

Mounting Disc for Adhesive Mounting
Weight: 0.5g
Material: Alumina

Virtins Technology