



Piezoelectric Accelerometer (Reference)

Model: CA-YD-168

Manufacturer: Sinocera Piezotronics Inc.

Distributor: LABSEN

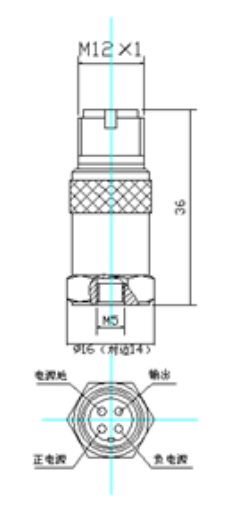


Features:

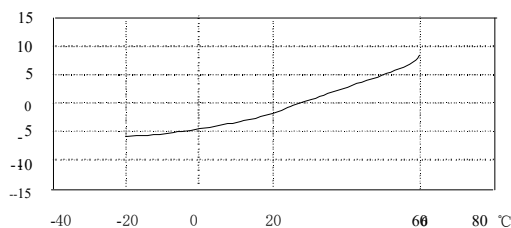
- Built-in pre-amplifiers
- Suitable for hand-held monitoring equipment

Specifications:

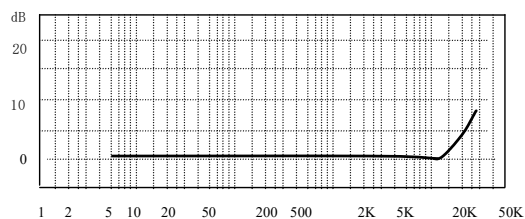
Sensitivity (20±5℃)	~50 mV/ g
Measurement Range(pk)	100 g
Max Transverse Sensitivity	≤5 %
Frequency Response (±5%)	1~ 10,000 Hz
Mounting Resonant Frequency	30,000 Hz
Operating Temp. Range	-20~+120 °C
Temperature Response	See Graph
Shock Limit(pk)	5000 g
Max Output Signal(pk)	≤2.5 V
Noise	<2 mg
Output Impedance	<100 Ω
Operating Voltage	±5 VDC
DC Bias Voltage	0 V
Mounting	M5 or probe
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	Stainless steel
Weight	35 g
Output	4-pin cable: Pin 1:(+5V); Pin 2:(-5V); Pin 3:OUT; Pin 4:GND
Accessories	
Certificate	Calibration parameter, frequency response



Dimensions



Temperature Response



Frequency Response

LABSEN® - Laboratory and Sensor Technologies

25/15 Bellevue Terrace Street
Saint Lucia, QLD 4067, Australia

ABN 41 242 801 624
<http://labsentec.com.au>

Email: enquiry@labsentec.com.au
Phone: +61 468 468 988