



IEPE Accelerometer (Industrial)

Model: CA-YD-183

Manufacturer: Sinocera Piezotronics Inc.

Distributor: LABSEN

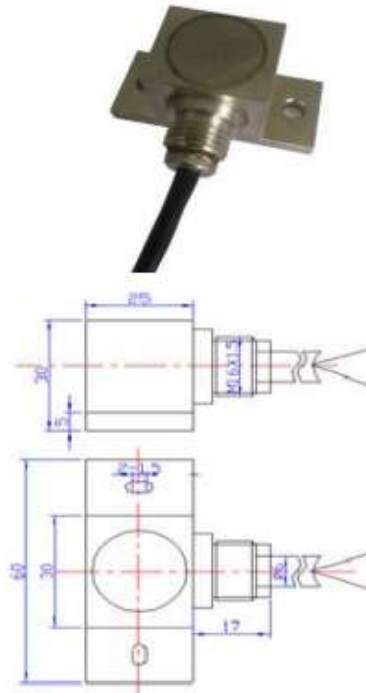


Features:

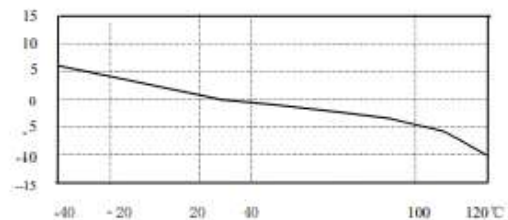
- Built-in IEPE circuit, low noise
- Shielded, anti - interference
- Industrial site real-time monitoring, rail traffic

Specifications:

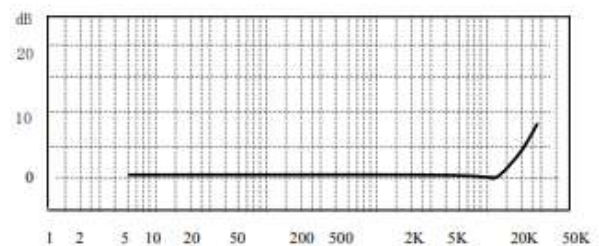
Sensitivity ($20 \pm 5^\circ\text{C}$)	25 mV/g
Measurement Range (pk)	± 200 g
Max Transverse Sensitivity	≤ 5 %
Frequency Response ($\pm 10\%$)	1 ~ 6,000 Hz
Mounting Resonant Frequency	25,000 Hz
Operating Temp. Range	$-40 \sim +120^\circ\text{C}$
Temperature Response	See Graph
Shock Limit(pk)	2000 g
Max Output Signal(pk)	$\leq \pm 5$ V
Noise	< 2 mg
Output Impedance	$< 100 \Omega$
Operating Voltage(Constant current source)	+18 ~ 28 VDC
Operating Current	2-10 mA
DC Bias Voltage	11 ± 1 VDC
Case Isolation	$10^8 \Omega$
Mounting	2-M6
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	Stainless Steel
Weight	165 g
Output	2-pin cable: 1 (OUT), 2 (GND)
Accessories	
Certificate	Calibration parameters, 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