



SINOCERA



Global Sensor
Technology

Piezoelectric Accelerometer (Isolated)

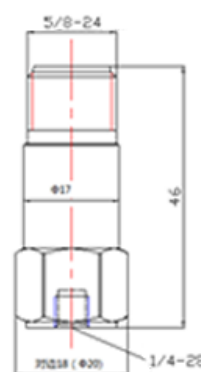
Model: CA-YD-187T02

Features

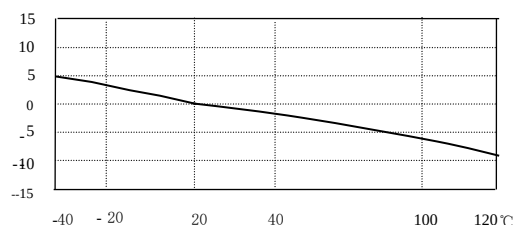
- Built-in IEPE, low noise, strong resistance of disturbance.
- Isolated, Floating, industrial site monitoring.
- 2-pin MIL-C-5015 two-pin socket output.

Main Specifications

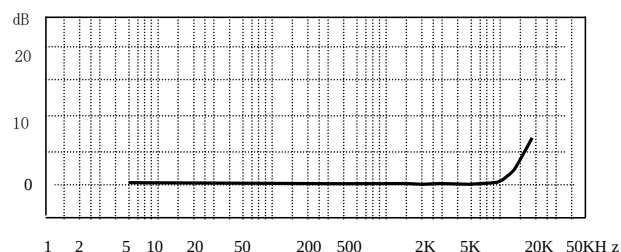
Sensitivity (20±5°C)	100 mV/g
Measurement Range (pk)	±50 g
Max Transverse Sensitivity	< 5%
Frequency Response (±10%)	1~10,000 Hz
(±3dB)	0.4~12,000 Hz
Mounting Resonant Frequency	≥30 KHz
Amplitude linearity	≤1%
Operating Temp. Range	-40~+120 °C
Temperature Response	See Graph
Shock Limit (pk)	3000 g
Noise (rms)	< 50 µV
Output Impedance	< 100 Ω
Operating Voltage (Constant current source)	18~28 VDC
Operating Current	2~10 mA
DC Bias Voltage	12±2 VDC
Case Isolation	≥10 ⁸ Ω
Mounting	1/4-28
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	304 Stainless steel
Weight	~52 g
Output	Top 5/8-24 2-pin Socket
Accessories	
Certificate	Calibration parameters
1/4-28 Stud	one
3106A (5015) Plug, Cable (RVVP)	one (3m), one end free



Dimensions



Temperature Response



Frequency Response