



Piezoelectric Accelerometer (Isolated)

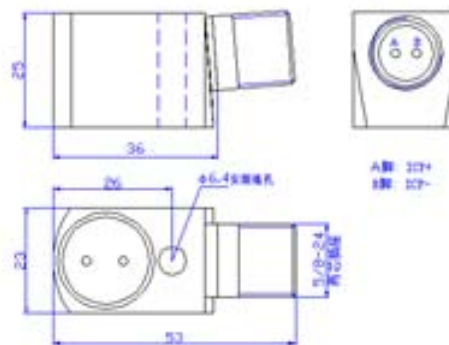
Model: CA-YD-188C

Features:

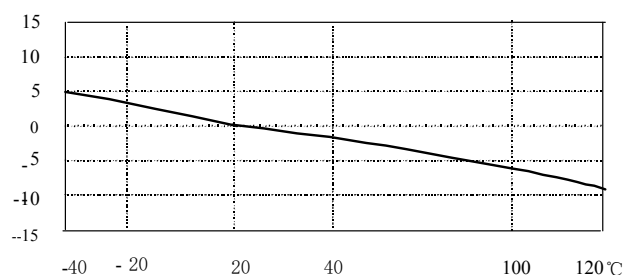
- Built-in IEPE, low noise, strong resistance of disturbance
- Isolated, Floating, industrial site monitoring
- Side
- 2-pin MIL-C-5015 two-pin socket output

Specifications:

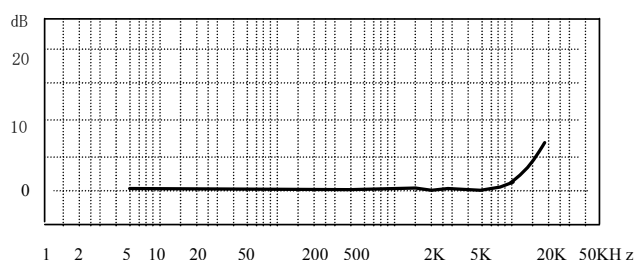
Sensitivity($20 \pm 5^\circ\text{C}$)	500 mV/g $\pm 5\%$
Measurement Range(pk)	± 10 g
Max Transverse Sensitivity	$< 5\%$
Frequency Response($\pm 10\%$)	0.5~5000 Hz
($\pm 3\text{dB}$)	0.2~8000 Hz
Amplitude linearity	$\leq 1\%$
Operating Temp. Range	$-40 \sim +120^\circ\text{C}$
Temperature Response	See Graph
Shock Limit(pk)	2000 g
Noise	$< 80 \mu\text{V}$
Output Impedance	$< 100 \Omega$
Operating Voltage(Constant current source)	18~24 VDC
Operating Current	2~10 mA
DC Bias Voltage	11 ± 1.5 VDC
Case Isolation	$\geq 10^8 \Omega$
Mounting	M6 Through hole
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	316L Stainless steel
Sealing	IP68
Weight	132 g
Output	Side 5/8-24 2-pin Socket
Accessories	
Certificate	Calibration parameters
M6 $\times$ 28 Stud	one
3106A(5015)Plug, Cable(RVVP)	one (3m), one end free



Dimensions



Temperature Response



Frequency Response