



SINOCERA



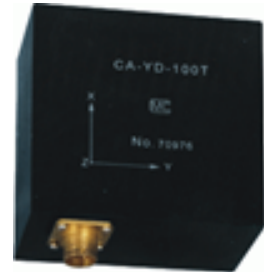
Global Sensor Technology

Piezoelectric Accelerometer (Tri-axial, Earthquake Monitoring)

Model: CA-YD-3100

Features

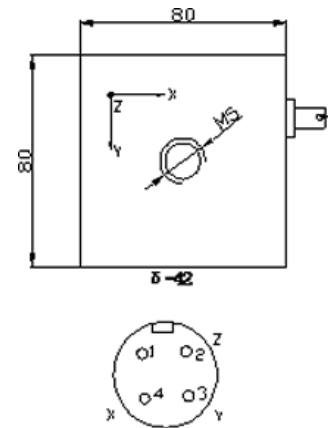
- Simplified test, output directly matched display processing instrument.
- Low frequency, wide frequency range.
- Two directions: horizontal and vertical.



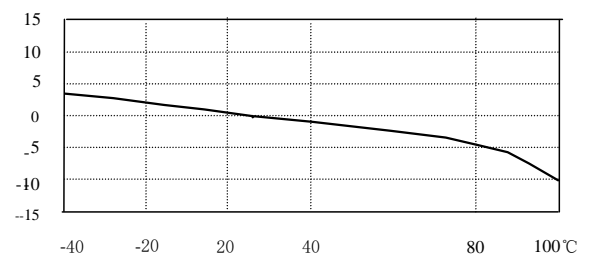
Main Specifications

Sensitivity (20±5°C)	~500 mV/g
Measurement Range (pk)	10 g
Max Transverse Sensitivity	≤5 %
Frequency Response (±5%)	0.2~ 500 Hz
Mounting Resonant Frequency	5,000 Hz
Operating Temp. Range	-40~+80 °C
Temperature Response	See Graph
Shock Limit (pk)	1,000 g
Max Output Signal (pk)	≤5 V
Noise	<0.1 mg
Output Impedance	<100 Ω
Operating Voltage (Constant current source)	+12~+24 VDC
Operating Current	+2~+10 mA
DC Bias Voltage	7±1 V
Mounting	M5
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear (insulated shell)
Case Material	LY12
Weight	~ 600 g
Output	M12*1 4-pin socket
Accessories	
Certificate	Calibration parameter, frequency response
M5 Stud, Protection cap	one
M12*1 4-pins socket, one end free, RVVP cable (2m)	one

Dimensions



Temperature Response



Frequency Response

