



SINOCERA



Global Sensor Technology

Piezoelectric Accelerometer (Condition Monitor)

Model: CA-YD-104T

Features:

- Vibration measurement for condition monitor
- Passive, direct piezoelectric effect

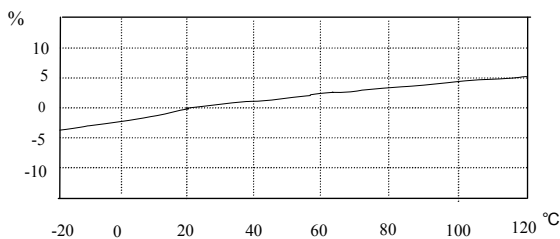
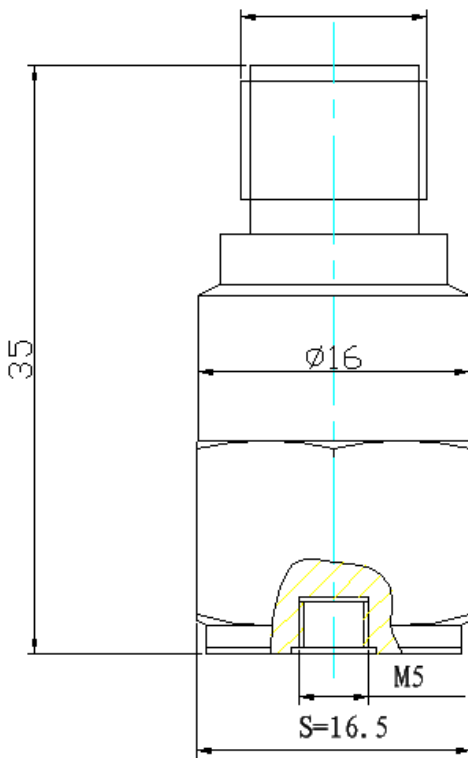
Supplied With:

- Calibration chart
- M5 screw, protective cap
- Special cable

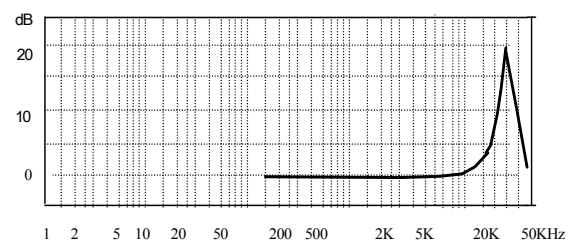


Technical Specifications:

Axial Sensitivity (20±5°C)	35pC/g
Transverse Sensitivity	≤5 %
Frequency Range 5%	1 to 7,000 Hz
Mounting Resonance Frequency	20,000 Hz
Temperature Effect	Refer to the temperature
Polarity	Positive direction
Isolation Resistance	>109Ω
Capacitance	1200 pF
Operating Temp. Range	-20 to +120 °C
Shock Limit (±peak)	2000g
Thermal Transient Sensitivity	0.1g/°C (0.3Hz)
Magnetic Sensitivity	2g/T
Base Strain Sensitivity	0.1g/με
Weight	33g
Case Material	Stainless steel
Mounting Method	M5
Sensing Element	PZT-5
Structural Design	Central Compression
Output Type	TNC



Typical Temperature Response



Typical Frequency Response