



# Calibration Accelerometer

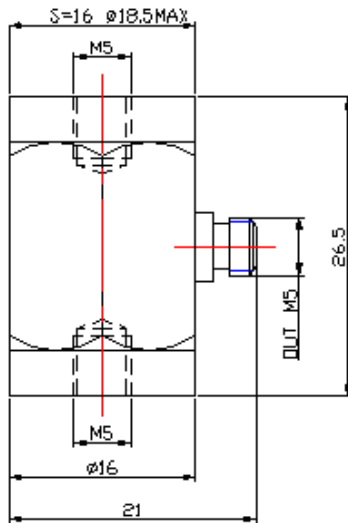
# Model: CA-YD-122

### FEATURES

- Installation at either end
- Accelerator back-to-back calibration
- Wide frequency bandwidth

### SUPPLIED WITH

- Calibration chart
- M5 to M5 stud
- M5 to M8 stud
- Protective cap
- STYV-1 cable, fitted with L5 connectors (2m)



### PERFORMANCE

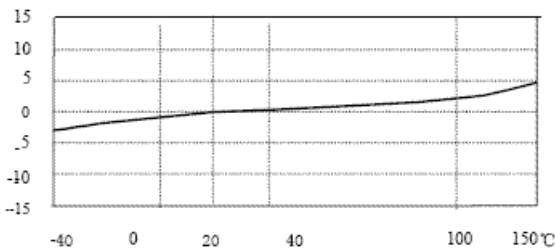
Sensitivity (at 20±5°C)	0.2pC/ms-2
Transverse sensitivity	≤3%
Frequency response	see graph below
Frequency range (1dB)	1 to 8kHz
Mounted resonance	40kHz
Temperature response	see graph below
Output phase	in phase with input
Isolation resistance	>1010Ω
Capacitance	~360pF

### ENVIRONMENTAL CHARACTERISTICS

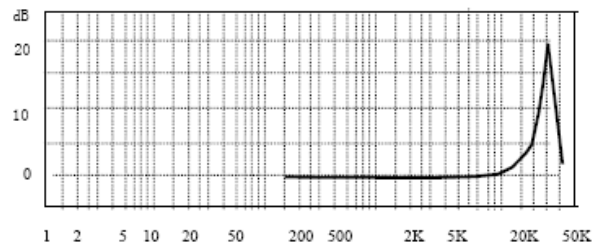
Temperature range	-40 to +150 °C
Shock limit	50,000ms-2
Thermal transient Sensitivity	50mg/°C
Magnetic sensitivity	15ms-2/T
Base strain sensitivity	0.02ms-2/με

### PHYSICAL CHARACTERISTICS

Weight	25g
Case material	Stainless steel
Mounting	M5 thread
Sensing element	BST
Sensor design	Compression
Electrical connection	Side L5 connectors



Typical Temperature Response



Typical Frequency Response (Hz)