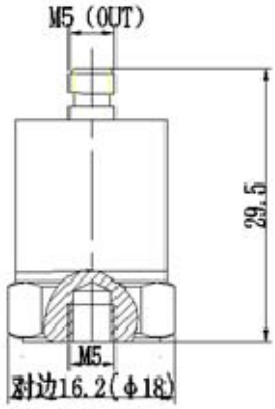
Piezoelectric Accelerometer (TEDS)

Model: CA-YD-186TE

Features:

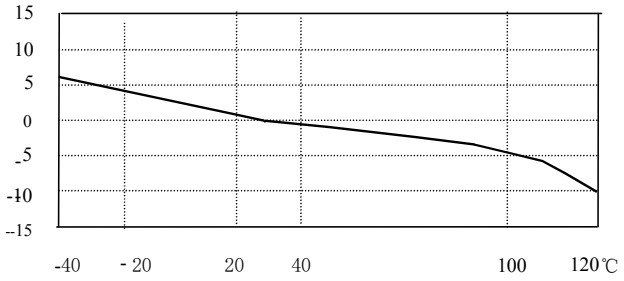
- Built-in TEDS chips, embedded spreadsheet
- Conform standard IEEE1451.4 TEDS
- Plug and play, easy to use



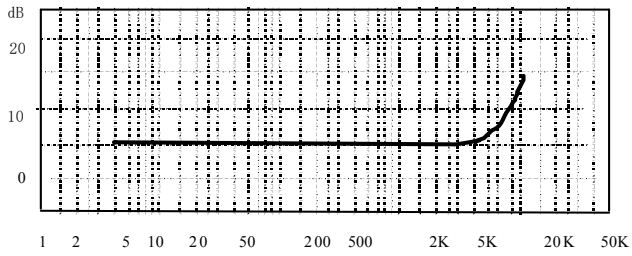
Dimensions

Specifications:

Sensitivity（20±5℃）	100 mV/ g
Measurement Range（pk）	±50 g
Max Transverse Sensitivity	≤5 %
Frequency Response（±5%）	0.5～ 5,000 Hz
Mounting Resonant Frequency	25,000 Hz
Operating Temp. Range	-40～+120 ℃
Temperature Response	See Graph
Shock Limit(pk)	2000 g
Max Output Signal(pk)	≤6 V
Transient Temperature Response	8 mg/℃(0.3Hz)
Magnetic Sensitivity	1.5 g/T
Base Strain Sensitivity	0.2 mg/με
Noise	＜0.4 mg
Output Impedance	＜100 Ω
Operating Voltage(Constant current source)	+12～+24 VDC
Operating Current	+2～+10 mA
DC Bias Voltage	7±1 VDC
Mounting	M5
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	Stainless steel
Weight	28 g
Output	L5
Accessories	
Certificate	Calibration parameter, frequency response
M5 Stud, Protection cap	one
L5/ L5(2m) STYV-1	one



Temperature Response



Frequency Response