



Force Piezoelectric Impedance Head

Model: CL-YD-331

Manufacturer: Sinocera Piezotronics Inc.

Distributor: LABSEN

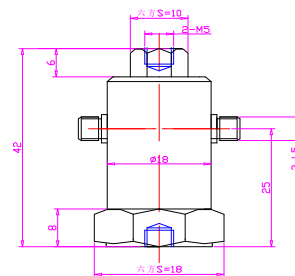


Features:

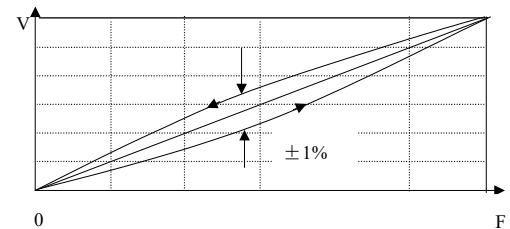
- Small Size, light weight, large rigidity
- Acceleration and Force Output
- Suitable for mechanical impedance measurement and modal analysis

Specifications:

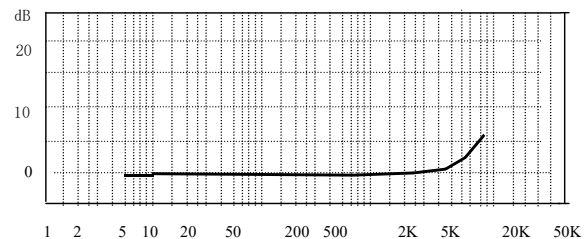
FORCE	
Sensitivity(20±5℃)	~4 pC/N
Force Range	±1,000 N
Overload	120 %
Linearity	< 1% F·S
Hysteresis	< 1% F·S
Repeatability	< 1% F·S
Capacitance	7 pF
Resonant Frequency	~55 kHz
Operating Temperature Range	-40~+150 °C
ACCELERATION	
Sensitivity (20±5℃)	~5 pC/ms ²
Transverse Sensitivity	≤5 %
Frequency Response (±5%)	1~ 4,000 Hz
Insulation Resistance	> 10 ⁹ Ω
Acceleration Range	400 g
Weight	58 g
Case Material	Stainless Steel
Mounting	M5
Sensing Element	Piezoelectric materials
Output	2-L5(side)
Calibrate Certificate	1
M5 Stud	2
STYV-1 L5/L5 (2m)	2



Dimensions



Typical Static Error



Frequency Response

LABSEN® - Laboratory and Sensor Technologies

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