

Seismic Accelerometer

Model : YD-159A

Applications

- Building Vibration Monitoring
- Earthquake Detection
- Structural Testing of Bridges
- Floor Vibration Monitoring
- Geological Formation Studies
- Foundation Vibration Monitoring



Piezo design	Shear design	
Output	IEPE	
Voltage sensitivity	10	V/g
Sensitivity tolerance	10	%
Measurement range, pos./neg.	5	g
Destruction limit	500	g
Transverse sensitivity	<5	%
Lower frequency limit (3 dB)	0.1	Hz
Upper frequency limit (3 dB)	500	Hz
Resonant frequency	5	kHz
Operating Voltage (constant-current source)	+18 to +28	V(DC)
Constant current supply	2 - 10	mA
Bias voltage at 4 mA	11 ±1,5	V
Output impedance	<100	Ω
Residual noise; wide band; RMS	<20	μVrms
Operating temperature range	-54 - 120	°C
Dimensions	Φ 35x42	mm
Base strain sensitivity	0,01	m/s ² /μD
Weight without cable	300	g
Case material	Stainless steel	
Connector direction	radial	
Connector	M5	
Mounting	M8	
Isolated mounting	yes	
IP code	IP67	

Accessories:

- Calibration Certificate
- M8*M5 bolt
- Cable (2m)