

E224A–100 Accelerometer

Applications

- E224A–100 is a single axial type IEPE Accelerometer

Characteristics

- Uniaxial Accelerometer
- 2 pin interface, stable and reliable
- ground insulation
- hermetic sealing



Dynamic Characteristics	
Range	$\pm 100g$ (pk)
Sensitivity	100mV/g
Non-linearity	$\leq 1\%$
Frequency response ($\pm 5\%$)	0.5 ~ 10,000Hz
Response frequency	$\geq 20kHz$
Transverse Sensitivity	$\leq 5\%$
Electrical Characteristics	
Constant current excitation	2 ~ 20mA
Voltage	18 ~ 30Vdc
Supply current	7 ~ 12Vdc
Shell of insulation, insulation resistance	$\geq 50M\Omega$
Grounding	ground insulation
Environmental characteristics	
Working temperature	$-55^{\circ}C \sim +120^{\circ}C$
Vibration limit	1000 g pK
Shock limit	2000 g pK
Physical characteristics	
Weight	$\leq 20g$
Case material	Stainless steel
Mounting	10–32 mounting screw