



SINOCERA



## Variable Capacitance Accelerometer (DC to 400Hz)

Model: CA-DR-1050

### FEATURES

- Based on differential capacitance
- Wide frequency response from DC to 400Hz
- Stable performance
- Easy to use.

### SUPPLIED WITH

Calibration chart  
 Four M2.5×20 screws  
 3 core integral shielded cable (x2m)



### Technical Specifications:

Sensitivity (at 20°±5C )	25mV/m/s <sup>2</sup> ±10%
Measurement range	±50 m/s <sup>2</sup>
Transverse sensitivity	≤5 %
Non-linearity	≤0.5 %
Frequency range	0 to 500 Hz
Mounted resonance Frequency	5,000 Hz
Temperature range	-40 to +85 °C
Temperature sensitivity	0.1 mV/°C
Shock limit (No Supply)	±5000 m/s <sup>2</sup>
Power supply	+6 to +16 VDC
Operating current	≤3mA
Offset voltage	2.5±0.1VDC
Noise (100Hz)	<0.05mVrms
Output impedance	<100 Ω
Weight	20 g
Case material	Stainless Steel
Mounting	4-Φ2.8 hole
Output cable	2m Length with 3-core: Red: Power Supply ; White: Ground; Green: Signal Output
<b>Accessories</b>	
Calibration chart	1
M2.5×20 screws	4

