

Features

Wide measuring range, analog voltage output have a self-test function

Small size, light weight

Impact resistance, good vibration performance

Application areas

Aircraft safety systems, measure vibration and shock, acceleration test stand

Model	ER-MA-3LAS		
Electrical Characteristics			
Supply voltage	3 ± 0.05 VDC		
Supply Current	≤ 1 mA		
Output	0 ~ 3 V		
Performance			
Axial	X	Y	Z
Note ① Range	± 3 g		
bandwidth	≥500 Hz		
Sensitivity	300 ± 30 mV / g		
Resolution	≤ 0.001 g		
Nonlinear	≤ 0.3% Fs		
Bias (25 °C when)	1.5 ± 0.1 V		
Bias drift	± 1 mg / °C		
Start Time	≤ 0.001 s		
Environmental Characteristics			
Operating temperature	-40 °C ~ + 70 °C		
storage temperature	-40 °C ~ + 125 °C		
Impact resistance (0.5ms)	10000 g		
Physical Characteristics			
weight	40 g		
size	19.5 × 18 × 10 mm		

Main Specifications:

Note: ① range selectable ± 1 ~ ± 100g, and all technical indicators with the range and bandwidth changes.

