

**Features**

Analog voltage output

Measurement range linearity

Small size, light weight

Good shock and vibration performance

**Application areas**

Vehicle Security System

Test seismic monitoring stations measuring acceleration

**Main Specifications**

Model	ER-MA-LAS
Electrical Characteristics	
Supply voltage	$5 \pm 0.25$ VDC
Supply current	$\leq 2$ mA
Output	0.5 ~ 4.5 V
Performance	
Axial	X
Note ① Range	$\pm 1$ g
Bandwidth Note ②	$\geq 50$ Hz 3
Sensitivity	$1000 \pm 30$ mV / g
Resolution	$\leq 0.001$ g
Nonlinear	$\leq 0.5\%$ Fs
Bias (25 °C when)	$2.5 \pm 0.1$ V
Start Time	$\leq 1$ s
Environmental Characteristics	
Operating temperature	-40 °C ~ + 70 °C
Storage temperature	-40 °C ~ + 125 °C
Impact resistance (0.5ms)	4000 g
Physical Characteristics	
Weight	40 g
Size	19.5 × 18.8 × 8.4 mm

Note: ① range selectable  $\pm 1 \sim \pm 100g$ ; ② selectable bandwidth of  $\leq 400Hz$ ;

