

# EMIN

Testing & Measuring Everything

## SENDIG - L14 Accelerometer



### Product Introduction

### Accelerometer

### Features:

Piezoelectric

Shear Mode

Wide frequency Range

Ground isolated

Low temperature sensitivity

Reliable for field use

**Specifications:**

Model	L14	L14A	L14B	ICL-14
Parameter				
Sensitivity, 25°C (pC/ms <sup>-2</sup> )	3.5~5.2	3.5~5.2	3.5~5.2	100mV/g ± 3%
Freq. Response, ±5% (Hz)	2~5000	2~3000	2~5000	2 ~ 4000
Freq. Response, ±10% (Hz)	2~10000	2~5000	2~10000	0.3 ~ 8000
Vibration limit(m/s <sup>2</sup> )	2000	2000	2000	Range 500
Transverse sensitivity, max	5% of axial	5% of axial	5% of axial	< 5%
Temperature Range (°C)	-20 to +100	-20 to +100	-20 to +100	-40 to +85
Sensitivity variation with Temperature	<0.01%/°C	<0.01%/°C	<0.01%/°C	N/A
Output Connector direction	Top	Top	Side	Top
Output Connector	M5	TNC	M5	TNC
Mounting	M5	M5	M5	M5
Sensing Element Design	Ceramic/Shear	Ceramic/Shear	Ceramic/Shear	Ceramic/Shear
Case material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Weight (g)	22	30	22	40
Power Current (mA, Vdc)	No	No	No	2mA, 12 - 24Vdc