

## Model H14-LIN Sensor specifications

Sensor Specification		Model H14-LIN
Impact threshold range (typical)		5->12 Dyne cm
		5.0-7-> 1.2-6 Joule
Power Requirement at 12VDC		1.08 Watts
		90ma @ 12VDC
Weight		2.52 lbs
		1.143 kg
Crystal diameter		0.925"
		23.5 mm
Base diameter		2.000"
		50.08 cm
Crystal surface		Nickel
Height above Z0		5cm -> ~
Data	Kinetic energy	Yes
	# Impacts low gain	Yes
	# Impacts high gain	Yes
	PHA1 <sup>1,2</sup>	Yes
Output Format <sup>2</sup>		Pulse TTL/CMOS
Measurement: kinetic energy		Yes
Measurement: # of impacts		Yes
Measurement: creep		No
Sensitivity to rain		Low
Application		LT <sup>3</sup> Migration, movement
Price		By request

<sup>1</sup> PHA – Variable height pulse, 50uS width, energy per particle output for analyzer.

<sup>2</sup> PHA output is a variable pulse height; all others are digital TTL/CMOS compatible.

<sup>3</sup> LT - Long term studies.