

Model FP Flat Plate Movement Sensor specifications

Sensor Specification		Model FP5
Impact threshold range (typical)		1 Dyne cm
		____ Joule
Power Requirement at 12VDC		0.1032 Watts
		8.6ma @ 12VDC
Weight		____ lbs
		____ kg
Crystal diameter		1.575"
		40mm
Base dimensions		Dia: 1.995"
		Height: 1.5"
Crystal surface		Stainless Steel
Height above Z0		3mm
Data	Kinetic energy	No
	# Impacts low gain	No
	# Impacts high gain	Yes
	PHA	No
Output Format ²		Pulse TTL/CMOS
Measurement: kinetic energy		No
Measurement: # of impacts ¹		Yes
Measurement: creep		Yes
Sensitivity to rain		High
Application		LT ² Movement
Wiring Hookup		Black: Common
		Red: +12V @ 8.6ma
		Green: Particle Count (1mS pulse)

¹ PC Particle count (# of impacts) 1.00mS width, positive 0 -> 5V pulse height.

² LT - Long term studies.