COLIBRYS
SMART SENSING SOLUTIONS

SEISMIC

Sophisticated MEMS capacitive sensors combined with advanced electronics are replacing traditional geophones or seismometers for different types of seismic measurements.

Numbers of applications outside the traditional strong motion earthquake monitoring are using these seismic motion sensors for their extreme low noise, high resolution and large dynamic range. These applications are characterized by low amplitude signals produced by natural (earthquake, volcano, subsidence or even wind) or human-induced (explosions, shock, constructions) movements.

					
	PCB (24.4mm x 24.4mm)	PCB (24.4mm x 24.4mm)	PCB (24.4mm x 24.4mm)	3 axis (80mm x 80mm x 57mm)	3 axis (80mm x 80mm x 57mm)
Product name	**SF2006SN.A (no oscillator)**	**SF1600S.A**	**SF1600SN.A (no oscillator)**	**SF3600**	**SF3006**
Full scale	**± 5g**	± 3g	± 3g	± 3g	± 5g
Noise in µg/√Hz	0.9	**0.3**	**0.3**	0.3	0.9
Bandwidth in Hz	>1000	>1500	>1500	>1500	>1000
Description	SiFlex™ accelerometers are the best in class MEMS capacitive products for strong motion seismic and low amplitude vibration sensing with real sub-milli g noise performances.			3 axis combination of SiFlex™ products	3 axis combination of SiFlex™ products

30GP.Seismic.A.03.11

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