



**Applications**

- Fast sample rate systems
- High resolution surveys
- Seismic measurement
- Downhole applications

**Features**

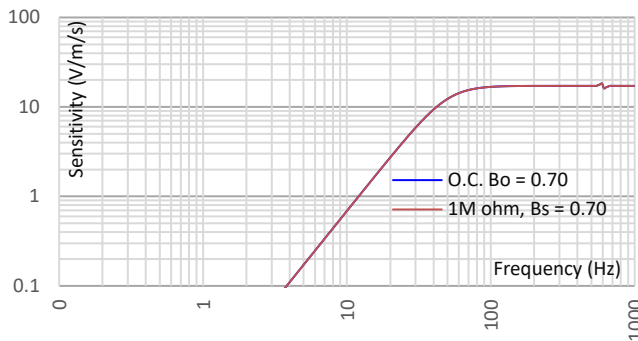
- Rugged design with rotating-coil contacts
- High spurious frequency
- Large bandwidth
- Omni-directional
- Up to 1ms data sampling

**Specifications**

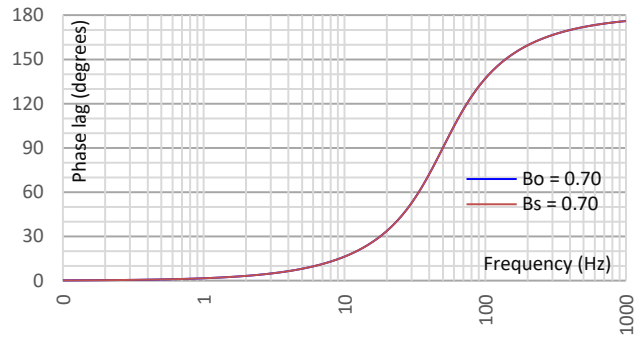
Frequency [Hz]	50 ±5%	Typical spurious frequency [Hz]	> 570
O.C. Damping	0.700 ±5%	Maximum tilt angle [°]	360
O.C. Sensitivity [V/m/s]	17.2 ±5%	Dimensions [mm]	∅26.7 x 32
Resistance [Ω]	370 ±5%	Weight [g]	83
Moving mass [g]	7.7	Operating temperature [°C]	-40 to 100
Max coil excursion p.p. [mm]	2	Warranty <sup>1</sup>	2 years
Shunt for 0.7 damping [Ω]	1M	Distortion with 17.78 mm/s p.p. coil-to-case velocity at 50 Hz	≤ 0.2%

All parameters are specified at +20°C in the working position unless stated otherwise  
<sup>1</sup> Warranty excludes damage caused by high voltage and physical damage to the element case

**Response**



**Phase**

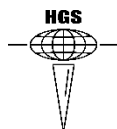


**Ordering information**

Part	Description	Working position	Polarity
SG000143	HG-7 U 50 Hz 370 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000144	HG-7 H 50 Hz 370 ohm	Horizontal	Tap on the bottom gives positive signal
SG000145	HG-7 S 50 Hz 370 ohm	Standard vertical (pins down)	Tap on the bottom gives positive signal

**Contact**

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