



Applications

- Land nodal systems
- Earthquake monitoring
- Seismic measurement

Features

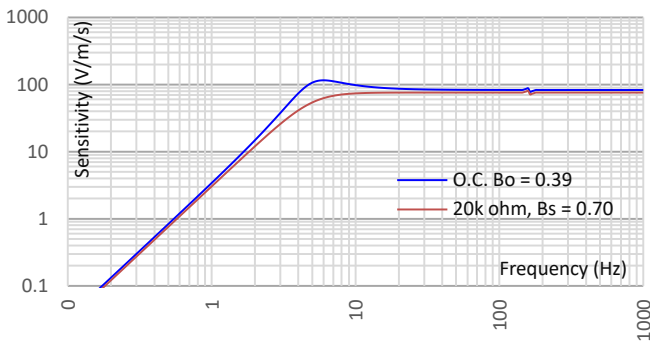
- Rugged design with rotating-coil contacts
- Low natural frequency
- High sensitivity
- 70% damped with 20kΩ input impedance system

Specifications

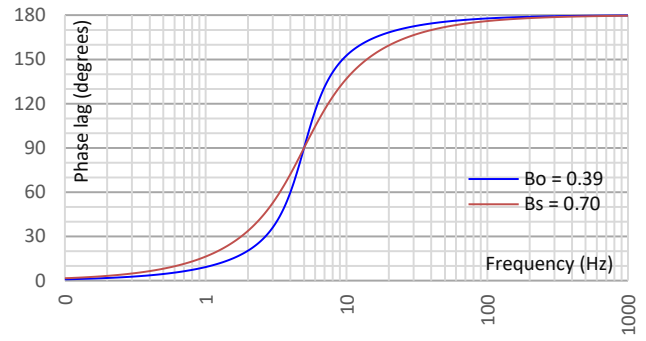
Frequency [Hz]	5 ±7.5%	Typical spurious frequency [Hz]	> 150
O.C. Damping	0.389 ±7.5%	Maximum tilt angle vertical / horizontal [°]	10 / 0
O.C. Sensitivity [V/m/s]	83 ±5%	Dimensions [mm]	∅26.7 x 39.3
Resistance [Ω]	1850 ±5%	Weight [g]	105
Moving mass [g]	16.0	Operating temperature [°C]	-40 to 100
Max coil excursion p.p. [mm]	3	Warranty ¹	2 years
Requird system input impedance	20k		
Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz			≤ 0.1%

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

Response



Phase

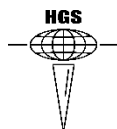


Ordering information

Part	Description	Working position	Polarity
SG000430	HG-5HS U 5 Hz 1850 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000431	HG-5HS H 5 Hz 1850 ohm	Horizontal	Tap on the bottom gives positive signal
SG000601	HG-5HS S 5 Hz 1850 ohm	Standard vertical (pins down)	Tap on the bottom gives positive signal

Contact

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