

Applications

- Earthquake monitoring
- Seismology
- Passive seismic monitoring
- Downhole applications
- Land nodal systems

Features

- Rugged design with rotating-coil contacts
- 4mm peak to peak coil excursion
- High sensitivity

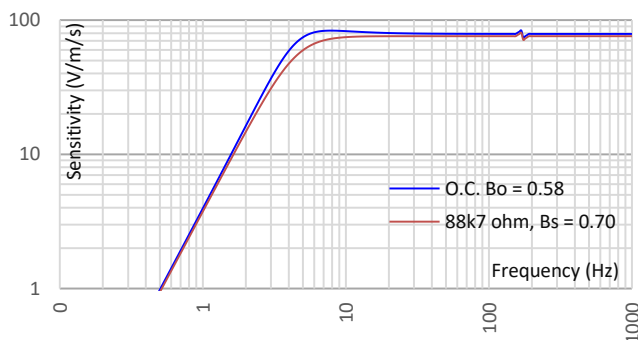
Specifications

Frequency [Hz]	4.5 ±0.5Hz	Maximum tilt angle [°]	0
O.C. Damping	0.580 ±5%	Typical spurious frequency [Hz]	160
O.C. Sensitivity [V/m/s]	78.9 ±5%	Dimensions [mm]	∅25.4 x 36
Resistance [Ω]	3500 ±5%	Weight [g]	81
Moving mass [g]	10.0	Operating temperature [°C]	-40 to 100
Maximum coil excursion p.p. [mm]	4	Warranty ¹	1 year
Shunt for 0.7 damping [Ω]	88k7	Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz	≤ 0.3%

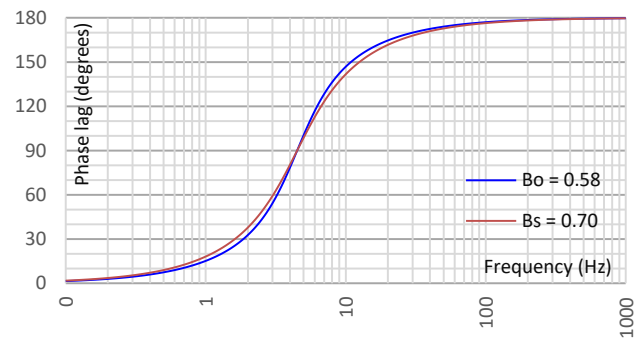
All parameters are specified at +20°C in the working position unless stated otherwise

¹ Warranty excludes damage caused by high voltage and physical damage to the element case

Response



Phase



Ordering information

Part	Description	Working position	Polarity
SG000082	HG-6HS UB 4.5 Hz 3500 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000086	HG-6HS HB 4.5 Hz 3500 ohm	Horizontal	Tap on the bottom gives positive signal
SG000135	HG-6HS SB 4.5 Hz 3500 ohm	Standard vertical (pins down)	Tap on the bottom gives positive signal

Contact

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