



Applications

- Seismology
- Earthquake monitoring
- Reflection seismic / MASW
- Mining

Features

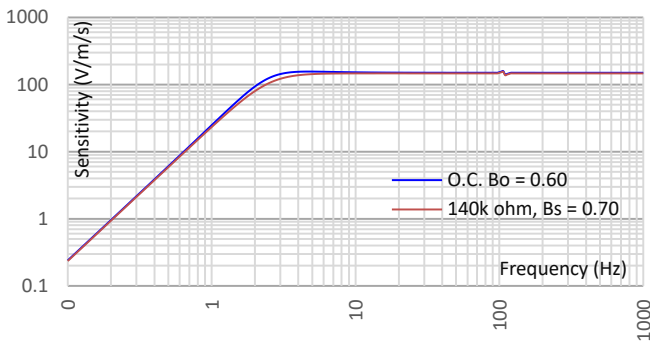
- Rugged design with rotating-coil contacts
- 6mm peak to peak coil excursion
- Low natural frequency
- Sensitivity of 150 V/m/s

Specifications

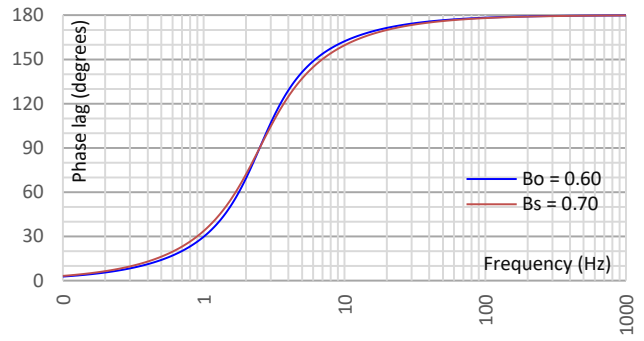
Frequency [Hz]	2.5 ±0.5Hz	Typical spurious frequency [Hz]	> 100
O.C. Damping	0.600 ±10%	Maximum tilt angle frequency vert. / horz. [°]	5 / 0
O.C. Sensitivity [V/m/s]	150 ±10%	Maximum tilt angle distortion vert. / horz. [°]	0 / 0
Resistance [Ω]	3000 ±5%	Dimensions [mm]	∅37.9 x 54.2
Moving mass [g]	50.5	Weight [g]	330
Max coil excursion p.p. [mm]	6	Operating temperature [°C]	-40 to 100
Shunt for 0.7 damping [Ω]	140k	Warranty ¹	1 year
Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz			≤ 0.2%

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

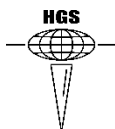


Ordering information

Part	Description	Working position	Polarity
SG000553	HG-2 U 2.5 Hz 3000 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000592	HG-2 H 2.5 Hz 3000 ohm	Horizontal	Tap on the bottom gives positive signal

Contact

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