

Applications

- 2D and 3D Seismic exploration
- Borehole seismic
- Refraction seismic
- Acoustic sensing

Features

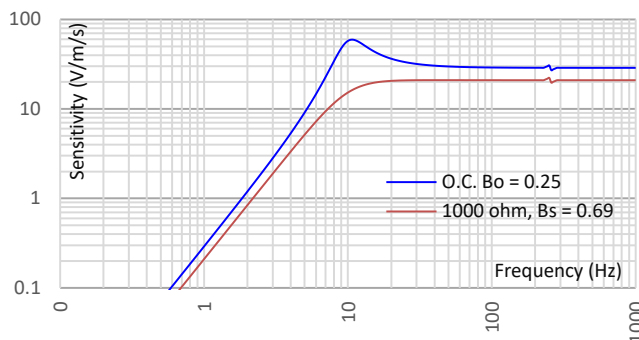
- Rugged design with rotating-coil contacts
- Tight specification and low distortion
- Extended spurious frequency over 240 Hz
- Allows 2ms / 24bit recording
- Typical distortion string of 12 in series 0.03%

Specifications

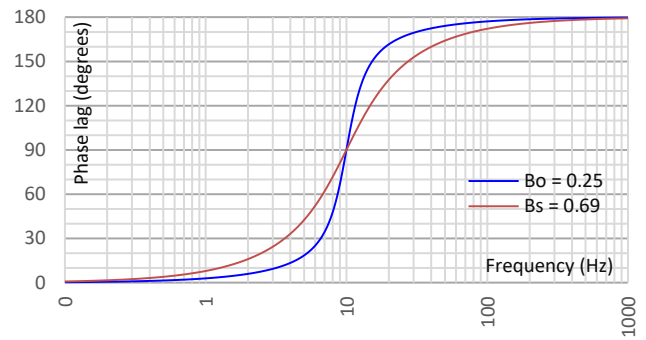
Frequency [Hz]	10 ±2.5%	Typical spurious frequency [Hz]	> 240
O.C. Damping	0.250 +5 / -0%	Maximum tilt angle vertical / horizontal [°]	10 / 0
O.C. Sensitivity [V/m/s]	28.8 ±2.5%	Dimensions [mm]	∅25.4 x 32
Resistance [Ω]	375 ±2.5%	Weight [g]	74
Moving mass [g]	11.0	Operating temperature [°C]	-40 to 100
Max coil excursion p.p. [mm]	2	Warranty ¹	3 years
Shunt for 0.7 damping [Ω]	1000	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

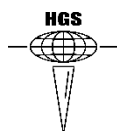


Ordering information

Part	Description	Working position	Polarity
SG000087	HG-24 U 10 Hz 375 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000097	HG-24 H 10 Hz 375 ohm	Horizontal	Tap on the bottom gives positive signal

Contact

India
 HGS (India) Ltd
 Tel : +91-11-46066604
www.hgsindia.com



The Netherlands
 HGS Products B.V.
 Tel : +31 708200820
www.hgsproducts.nl

