



Applications

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

Features

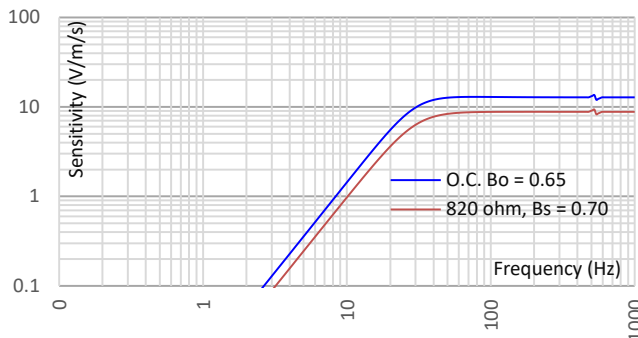
- Rugged design with rotating-coil contacts
- High spurious frequency
- Large bandwidth
- Omni-directional
- Up to 1ms data sampling

Specifications

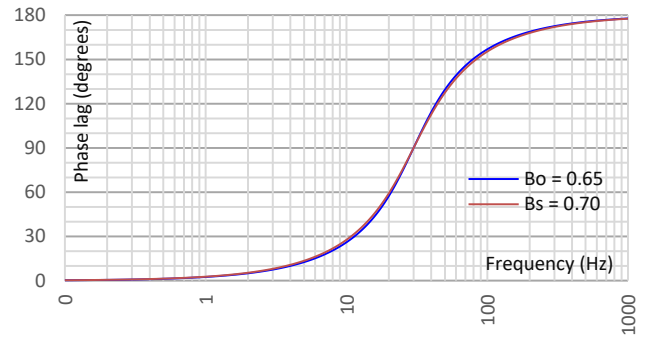
Frequency [Hz]	30 ±5%	Typical spurious frequency [Hz]	> 500
O.C. Damping	0.650 ±5%	Maximum tilt angle [°]	360
O.C. Sensitivity [V/m/s]	12.8 ±5%	Dimensions [mm]	∅25.4 x 32
Resistance [Ω]	370 ±5%	Weight [g]	74
Moving mass [g]	7.5	Operating temperature [°C]	-40 to 100
Max coil excursion p.p. [mm]	2	Warranty ¹	2 years
Shunt for 0.7 damping [Ω]	820	Distortion with 17.78 mm/s p.p. coil-to-case velocity at 30 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

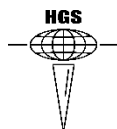


Ordering information

Part	Description	Working position	Polarity
SG000101	HG-7 U 30 Hz 370 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000099	HG-7 H 30 Hz 370 ohm	Horizontal	Tap on the bottom gives positive signal
SG000142	HG-7 S 30 Hz 370 ohm	Standard vertical (pins down)	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

