



Applications

- Ocean Bottom Nodes
- Downhole applications
- Structural monitoring systems

Features

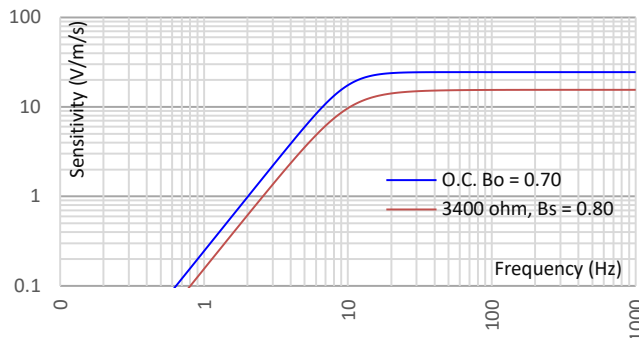
- Rugged design with rotating-coil contacts
- Omni-directional
- Lowered frequency to 10Hz

Specifications

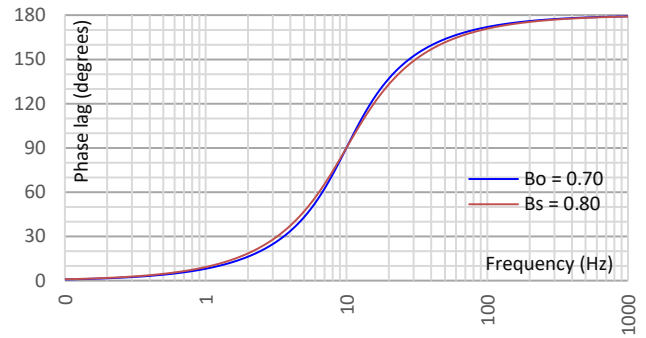
Frequency [Hz]	10 ±20%	Maximum tilt angle [°]	360
O.C. Damping	0.700 ±20%		
O.C. Sensitivity [V/m/s]	24.5 ±20%		
Resistance [Ω]	1960 ±10%	Dimensions [mm]	∅25.4 x 40.5
Moving mass [g]	8.7	Weight [g]	81
Max coil excursion p.p. [mm] ²	0.5 to 4	Operating temperature [°C]	-40 to 70
Shunt for 0.7 damping [Ω]	3400	Warranty ¹	1 year
Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz			≤ 0.9%

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
² Max coil excursion from 0.5mm vertical to 4mm in horizontal position. Use 0.5mm for testing purposes.

Response



Phase

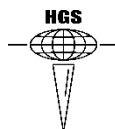


Ordering information

Part	Description	Working position	Polarity
SG000556	HG-6 LF OB 10 Hz 1960 ohm	Omni-directional	Tap on the pins gives positive signal

Contact

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