



**Applications**

- High temperature environment
- Absolute vibration measurements
- Industrial applications
- Critical turbo machinery
- Hydro, electric and wind turbines

**Features**

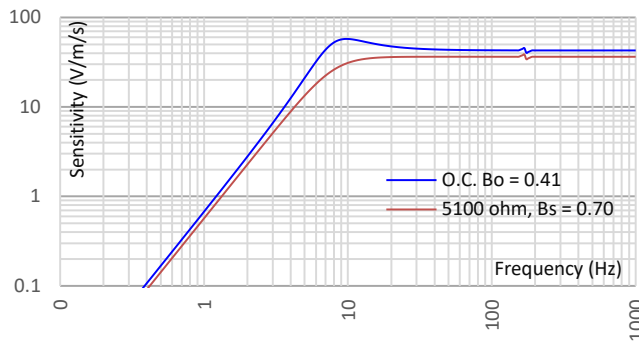
- Rugged design with rotating-coil contacts
- 4mm peak to peak coil excursion
- High temperature

**Specifications**

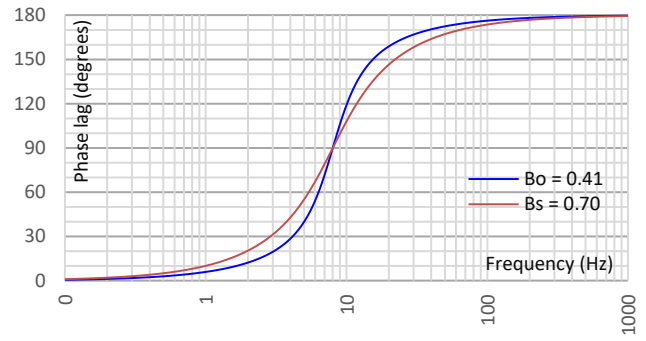
Frequency [Hz]	8 ±6.3%	Typical spurious frequency [Hz]	> 160
O.C. Damping	0.407 ±5%		
O.C. Sensitivity [V/m/s]	42.8 ±5%		
Resistance [Ω]	900 ±5%	Dimensions [mm]	∅25.4 x 36
Moving mass [g]	10.5	Weight [g]	90
Max coil excursion p.p. [mm]	4	Operating temperature [°C]	-40 to 200
Shunt for 0.7 damping [Ω]	5100	Warranty <sup>1</sup>	3 months
Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz			≤ 0.5%

All parameters are specified at +20°C in the working position unless stated otherwise  
<sup>1</sup> Warranty excludes damage caused by high voltage and physical damage to the element case

**Response**



**Phase**

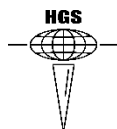


**Ordering information**

Part	Description	Working position	Polarity
SG000163	HG-6 UB 8 Hz 900 ohm HT	Vertical (pins up)	Tap on the pins gives positive signal
SG000164	HG-6 HB 8 Hz 900 ohm HT	Horizontal	Tap on the bottom gives positive signal

**Contact**

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