

Applications

- Earthquake monitoring
- Seismology
- Passive seismic monitoring
- Industrial vibration monitoring
- Balancing machines

Features

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

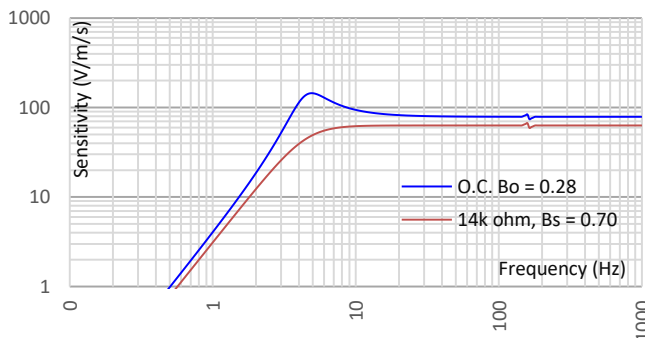
Specifications

| | | | |
|----------------------------------|------------|--|------------|
| Frequency [Hz] | 4.5 ±0.5Hz | Maximum tilt angle [°] | 0 |
| O.C. Damping | 0.284 ±5% | Typical spurious frequency [Hz] | 150 |
| O.C. Sensitivity [V/m/s] | 78.9 ±5% | Dimensions [mm] | ∅25.4 x 36 |
| Resistance [Ω] | 3500 ±5% | Weight [g] | 85 |
| Moving mass [g] | 15.0 | Operating temperature [°C] | -40 to 100 |
| Maximum coil excursion p.p. [mm] | 4 | Warranty ¹ | 1 year |
| Shunt for 0.7 damping [Ω] | 14k | Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz | ≤ 0.5% |

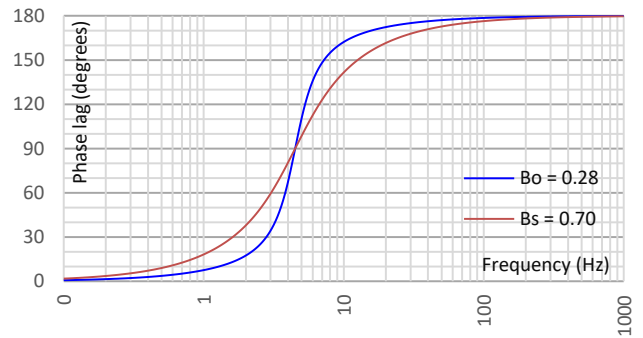
All parameters are specified at +20°C in the working position unless stated otherwise

¹ Warranty excludes damage caused by high voltage and physical damage to the element case

Response



Phase

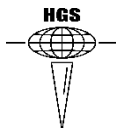


Ordering information

| Part | Description | Working position | Polarity |
|----------|---------------------------|--------------------|---|
| SG000114 | HG-6HS UA 4.5 Hz 3500 ohm | Vertical (pins up) | Tap on the pins gives positive signal |
| SG000081 | HG-6HS HA 4.5 Hz 3500 ohm | Horizontal | Tap on the bottom gives positive signal |

Contact

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