

## SENSOR TECHNICAL FEATURES

- ✓ Measuring range: +/-0.25 G, +/- 0.5 G, +/-1 G, +/-2 G, +/-4 G;
- ✓ Output: +/- 10 differential Volts;
- ✓ Nominal sensitivity: 2.5 V/g;
- ✓ Frequency response: 0-200 Hz;
- ✓ Dynamic range: >165 dB;
- ✓ Non linearity: <0,1% F.S.;
- ✓ Power supply: 10-15 VDC;
- ✓ cross axis sensitivity: <0,3%;
- ✓ Operating temperature: from -20 to +55°C.



Force balance accelerometers are high sensitivity and low noise sensors designed to monitor low level low frequency seismic movements. Accelerometers are self-contained instruments and they provide high level low impedance output. Most applications do not require signal conditioning.

These sensors use low noise electronic components in combination with the force balancing principle to carry out measurements in the micro-G low frequency range.

Besides the usual DC coupled zero output, the force balance accelerometer provides also a zero output coupled with AC power that prevents inclination calculation or tilt offset errors, enhancing high amplification of the basic output.

We reserve the right to carry out modifications to our products and their specifications

**CE** product compliant with European directives

<b>DIMENSIONS</b>	
Case dimensions	140x155x85 mm
Case material	anodized aluminium
Connector	Mil-C-10
Weight	3 Kg

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company quality management  
system certified according to UNI EN  
ISO9001:2015

