

TECHNICAL FEATURES

- ✓ Acceleration FS: $\pm 2\text{ G}$, $\pm 4\text{ G}$; $\pm 8\text{ G}$ (optional);
- ✓ Voltage output: +/- 4 Volt;
- ✓ Sensitivity: 2000 mV/g – 1000 mV/g ($\pm 4\text{g}$ type); 500 mV/g ($\pm 8\text{g}$ type);
- ✓ Frequency response: 0 – 400 Hz (nominal, -3dB); 0 – 1500 Hz (optional);
- ✓ Operating voltage: from +6 to +18 Vdc 8 mA;
- ✓ Output impedance: 90 Ohms;
- ✓ Dynamic range: > 80 dB up to 100 dB (according to frequency range);
- ✓ Temperature coefficient: 100 ppm/C° Max (from -40 to +125°C). Compensated by internal temperature sensor;
- ✓ Output noise: < 22.5 $\mu\text{g}/\sqrt{\text{Hz}}$;
- ✓ Non-linearity: <0.1% (model $\pm 2\text{g}$);
- ✓ Operating temperature: from -40 to +80 °C;
- ✓ Protection: IP67.



This accelerometer is suitable to monitor weather and shocks, and featuring a very competitive price. It is applied to structures such as bridges, overpasses, tunnels in roads and railways, and for direct measurement of acceleration and displacement events. It is also applied to the modal analysis of structures. It features high precision response, good dynamics especially at low frequencies (the ones in use), high resistance to

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

CE product compliant with European directives

DIMENSIONS	
weight	600 g
dimensions	50mm L x 50 mm W x 50 mm H
box material	anodized aluminium