

TECHNICAL FEATURES


- ✓ Acceleration FS: $\pm 2 \text{ G}$, $\pm 4 \text{ G}$; $\pm 8 \text{ G}$ (optional);
- ✓ Voltage output: $\pm 4 \text{ Volt}$;
- ✓ Sensitivity: $2000 \text{ mV/g} - 1000 \text{ mV/g}$ ($\pm 4\text{g}$ type); 500 mV/g ($\pm 8\text{g}$ type);
- ✓ Frequency response: $0 - 400 \text{ Hz}$ (nominal, -3dB); $0 - 1500 \text{ Hz}$ (optional);
- ✓ Operating voltage: from $+6$ to $+18 \text{ Vdc}$ 8 mA ;
- ✓ Output impedance: 90 Ohms ;
- ✓ Dynamic range: $> 80 \text{ dB}$ up to 100 dB (according to frequency range);
- ✓ Temperature coefficient: $100 \text{ ppm/C}^\circ \text{ Max}$ (from -40 to $+125^\circ \text{C}$). 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 $+80 \text{ }^\circ \text{C}$;
- ✓ Protection: IP67 .



This accelerometer is suitable to monitor 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 weather and shocks, and featuring a very competitive price.

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


 product compliant with European directives

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

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