



A SEISMIC SHIFT IN ELEVATOR SAFETY

INTRODUCING THE NEW SMART SEISMIC SYSTEM

Get rock-solid safety in the face of one of nature's most powerful threats. The Smart Seismic System uses the latest MEMS sensor technology with advanced 32-bit processor to detect and report seismic activity while filtering out nuisance vibrations. It provides signals to the controller, meeting all safety code requirements. Internet connection allows the system to provide email alerts to predetermined recipients for smart safety on shaky ground.

The Smart Seismic System also includes a built-in pit water sensor and can alert appropriate personnel via email alerts. Optional wireless sensors, mounted on the cab, allow the Smart Seismic System to measure and record vibration, tilt and acceleration for subsequent analysis. Readings in excess of allowable limits can also trigger an email alert.

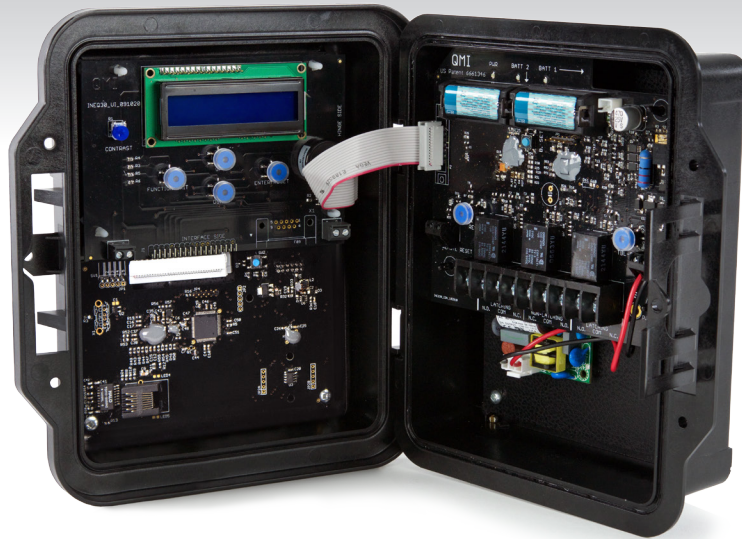
Visit adamselevator.com/seismic for details.



The Smart Seismic System is fully compliant with applicable codes and standards (ASME 17.5; CSA B44.1; UL 508A)



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TECHNICAL SPECIFICATIONS

Sensor:	3-axis, solid state accelerometer. Detects vertical (P wave) and horizontal (S wave) accelerations
Frequency Response:	0.5 to 15Hz. Software filtered
Alarm Threshold:	0.1G
Diagnostics:	Self-diagnosis at startup, reset, and periodically during operation
Power:	110Vac 60Hz (0.5A Max) OR 12~24v AC/DC External Low-voltage supply
Battery Backup:	2x CR123A
Dry Contact Rating:	ALARM and TROUBLE (Form C, SPDT) 5A @ 250VAC (General Purpose) 5A @ 30VDC (Resistive) Water Alarm Signal Output (Form A [normally open], SPST solid-state relay) Max Load Voltage: 250 VAC Max Load Current: 120 mA "On" state resistance: 30 ohms (max)
Operating Temp Range:	-25°C (-13°F) to +40°C (+104°F)
Relative Humidity:	0~99%
Inputs:	2-position, screw-type terminal for remote reset of latching contact 2-position, screw-type terminal for Water Sensor Pad (<i>do not apply external voltage to this input</i>)
Outputs:	3-position, screw-type barrier strip for Alarm Latching dry contact (NC, common, NO) 3-position, screw-type barrier strip for Alarm Non-Latching dry contact (NC, common, NO) 3-position, screw-type barrier strip for Trouble Latching dry contact (NC, common, NO) 2-position, screw-type terminal for Water Alarm Signal (Normally Open contact)



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