

Embedded AC Accelerometers

Product Standard Configuration

Sensor Type:	Accelerometer
Product Group:	Embedded AC Accelerometers
Classification:	Commercial, Dual Use
Target Applications:	Automotive, Transportation, Civil Engineering, Industrial Machine Monitoring

Configuration Descriptors

The Embedded AC Accelerometers family of accelerometers can be ordered in various standard configurations that fall within the performance related specifications stated in their respective Outline Drawings. The variations in configuration are limited to:

Physical Related:	Marking, cover (material, finish), connection layout
Performance Related:	Transverse sensitivity selection, power supply voltage selection, conditioning (burn in, stabilization bake, thermal cycling), frequency and phase response selection, full scale range selection, filter corner selection, sensitivity selection, and tolerance on specifications.
Calibration Related:	User requested data, frequency response (selected reference freq, applied g-level, sweep range), temperature response (select temperature range and reference), excitation selection, and various calibration options not offered in the basic model.
Accessory Related:	User-selected wiring/cable assembly, mounting adapters, and other attachment alternatives.

As these configuration options do not require any basic redesign of the accelerometer, they are not considered custom products. When necessary, a suffix will be added to the standard model number to identify the unique configurations for the purpose of traceability in our manufacturing system.