CM-170 Premium Accelerometer

AC acceleration output via 2 Pin MS Connector

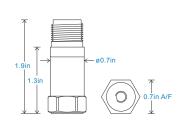
Key Features

- · Compact design
- · Premium design
- · Customizable features

Industries

Building services, Pulp and Paper, Mining, Metals, Utilities, Automotive, Water, Pharmaceutical









Technical Performance

IsolationBase isolatedRangesee: 'How To Order' tableTransverse SensitivityLess than 5%

Mechanical

Case Material Stainless Steel
Sensing Element/Construction PZT/Shear
Mounting Torque 5.9ft. lbs
Weight 1.8 oz. (nominal)
Sheilded Cable Assembly see: www.sec-america.com for options
Connector CM-AA004 - non-booted
CM-AA053 or CM-0054 - booted
Mounting Threads see: 'How To Order' table

Electrical

 Electrical Noise
 0.1mg max

 Current Range
 0.5mA to 8mA

 Bias Voltage
 10 - 12 Volts DC

 Settling Time
 1 second

 Output Impedance
 200 Ohms max.

 Case Isolation
 >108 Ohms at 500 Volts

Environmental

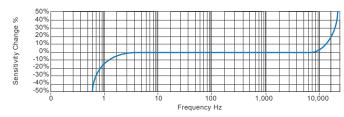
 Operating Temperature Range
 -67 to 266°F

 Sealing
 IP68

 Maximum Shock
 5000g

 EMC
 EN61326-1:2013

Typical Frequency Response (at 100mV/g)



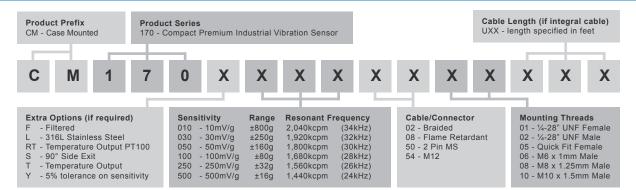
Applications

Fans, Motors, Pumps, Compressors, Centrifuges, Conveyors, Air Handlers, Gearboxes, Rolls, Dryers, Presses, Cooling, VAC, Spindles, Machine Tooling, Process Equipment

Vibration sensor should be firmly fixed to a flat surface (spot face surface may be needed to be produced and cable anchored to sensor body.)



How To Order





www.sec-america.com info@sec-america.com

