HS-160 Accelerometer

AC velocity output via Braided Cable

Key Features

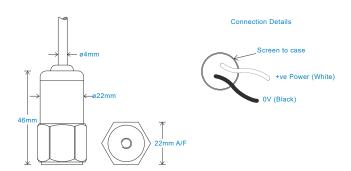
- · For use with data collector
- · AC velocity output
- · Customisable features

Industries

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



Less than 5%



Technical Performance

Mechanical

Case Material 316L Stainless Steel Sensing Element/Construction PZT/Compression Mounting Torque 8Nm Weight 106gms (nominal) body only Maximum Cable Length 1000 metres Standard cable Length 5 metres Screened Cable Braided - length to be specified with order see: 'How To Order' table Mounting Threads

Electrical

Transverse Sensitivity

 Electrical Noise
 0.1mg max

 Current Range
 0.5mA to 8mA

 Bias Voltage
 10 - 12 Volts DC

 Settling Time
 2 seconds

 Output Impedance
 200 Ohms max.

 Case Isolation
 >108 Ohms at 500 Volts

Environmental

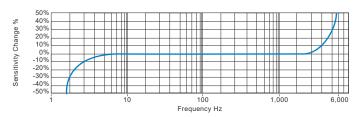
 Operating Temperature Range
 -55 to 140°C

 Sealing
 IP65

 Maximum Shock
 5000g

 EMC
 EN61326-1:2013

Typical Frequency Response



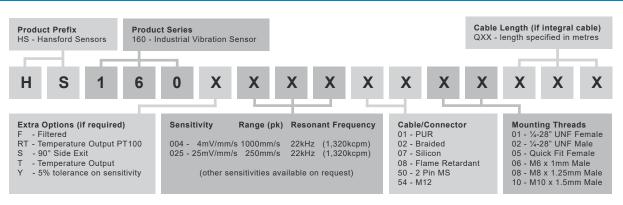
Applications

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.hansfordsensors.com sales@hansfordsensors.com

