HS-104S Low Power Accelerometer

AC acceleration output via 3 Pin MS Connector

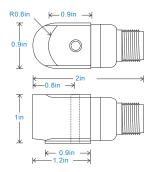
Key Features

- Low voltage
- Ultra low power consumption
- · Customisable features

Industries

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







Technical Performance

Mechanical

Case Material Stainless Steel
Sensing Element/Construction PZT/Shear
Mounting Torque 5.9ft. lbs
Weight 4.7 oz. (nominal) body only
Screened Cable Assembly see: www.hansfordsensors.com for options
Connector HS-AA004 - non-booted
HS-AA053 or HS-0054 - booted
Mounting Threads see: 'How To Order' table

Electrical

Electrical Noise < 500μg
Power Requirements 5V nominal (other voltages 1.8 to 24V on request)
Current Consumption 100μA nominal at 5V supply (60μA at 1.8V)
Bias Voltage 50% of supply voltage
Settling Time 1 second
Output Impedance 100 Ohms max.
Case Isolation >108 Ohms at 500 Volts

Environmental

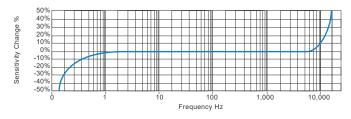
 Operating Temperature Range
 -58 to 257°F

 Sealing
 IP67

 Maximum Shock
 5000g

 EMC
 EN61326-1:2013

Typical Frequency Response (at 100mV/g)



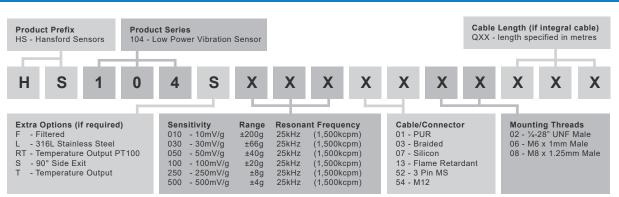
Applications

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.hansfordsensors.com sales@hansfordsensors.com

