HS-100T Accelerometer

AC acceleration and temperature output via PUR Cable

Key Features

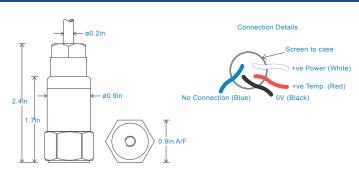
- · Temperature output
- · For use with data collector
- Waterproof
- · Resistant to oil

Industries

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



Less than 5%



Technical Performance

Mechanical

Case Material Stainless Steel Sensing Element/Construction PZT/Compression Mounting Torque 5.9ft. lbs 3.7 oz. (nominal) body only Weight Maxiumum Cable Length 3,280 ft. Standard Cable Length 16 ft. Shielded Cable PUR - length to be specified with order Mounting Threads see: 'How To Order' table Submersible Depth 328 ft. max. (10 bar)

Electrical

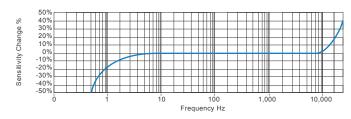
Transverse Sensitivity

Excitation Voltage 18-30 Volts DC 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	-22 to 194°F
Sealing	IP68
Maximum Shock	5000g
EMC	EN61326-1:2013

Typical Frequency Response (at 100mV/g)



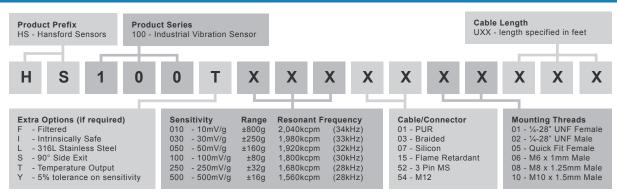
Applications

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.hansfordsensors.com sales@hansfordsensors.com

