HS-173 Premium Triaxial Accelerometer

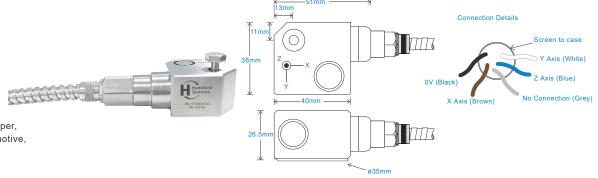
AC Acceleration Output via 5 Core PTFE Cable with Protective Conduit

Key Features

- · For use with data collector
- · Protective Conduit
- 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 8Nm Mounting Bolt Provided see: 'How To Order' table x 30mm long Weight-Sensor Only 235gms (nominal) - Stainless Steel Maximum Cable Length 1000 metres Standard Cable Length 5 metres Screened Cable PTFE Cable - length to be specified with order Mounting Threads see: 'How To Order' table Mounting Stud HS-AS226, HS-AS221 or HS-AS222 Submersible Depth 100 metres max (10 bar) Conduit Material Stainless Steel Conduit Length Conduit Length is approx. 0.5m shorter than the cable

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

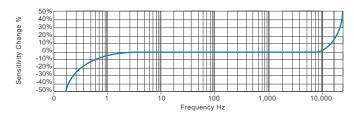
 Operating Temperature Range
 -55 to 150°C

 Sealing
 IP68

 Maximum Shock
 5000g

 EMC
 EN61326-1:2013

Typical Frequency Response (at 100mV/g)



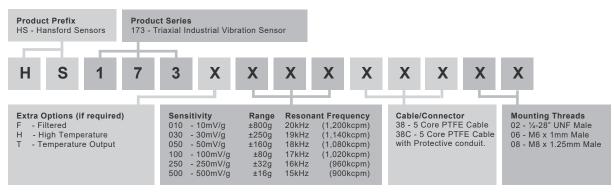
Applications

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





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