HS-420S Accelerometer

4-20mA velocity output via M12 Connector

Key Features

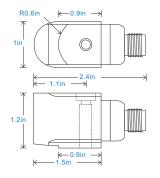
- For use with PLC/DCS systems
- · Side entry for easy access
- · Customizable features

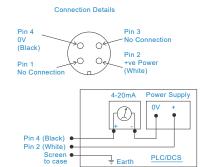
Industries

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/Shear
Mounting Torque 5.9ft. Ibs
Mounting Bolt Provided see: 'How To Order' table x 1.2in long
Weight 6.5 oz. (nominal) body only
Sheilded Cable Assembly HS-AC010 - straight
HS-AC011 - right angle
Mounting Threads see: 'How To Order' table

Electrical

Transverse Sensitivity

Current Output 4-20mA DC proportional to Velocity Range
Supply Voltage 15-30 Volts DC (for 4-20mA)
Settling Time 1 second
Output Impedance Loop Resistance 600 Ohms max. at 24 Volts
Case Isolation >108 Ohms at 500 Volts

Environmental

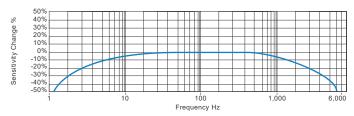
 Operating Temperature Range
 -13 to 248°F

 Sealing
 IP67

 Maximum Shock
 5000g

 EMC
 EN61326-1:2013

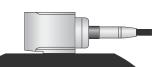
Typical Frequency Response



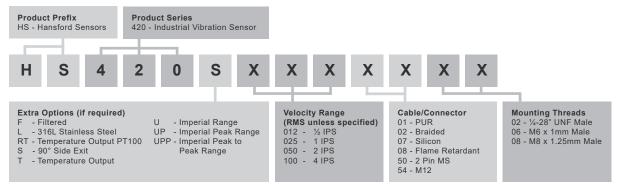
Applications

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





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