HS-420 Accelerometer

4-20mA velocity output via M12 Connector

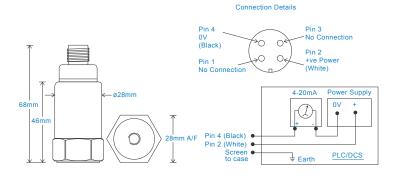
Key Features

For use with PLC/DCS systemsCustomisable features

Industries

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





Technical Performance Mechanical Mounted Base Resonance 5kHz min Case Material Velocity Ranges see: 'How To Order' table ±10% Sensing Element/Construction Nominal 80Hz at 22°C Mounting Torque Frequency Response 10Hz (600cpm) to 1kHz (60kcpm) ± 5% - ISO10816 Weight Isolation Base isolated Screened Cable Assembly Range 50g peak Transverse Sensitivity Less than 5% Mounting Threads

0	-	0	<u> </u>	

 Current Output
 4-20mA DC proportional to Velocity Range

 Supply Voltage
 15-30 Volts DC (for 4-20mA)

 Settling Time
 2 seconds

 Output Impedance
 Loop Resistance 600 Ohms max. at 24 Volts

 Case Isolation
 >10⁸ Ohms at 500 Volts

Environmental

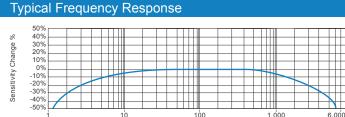
Operating Temperature Range Sealing Maximum Shock EMC 150gms (nominal) HS-AC010 - straight HS-AC011 - right angle see: 'How To Order' table

Stainless Steel

8Nm

PZT/Compression

-25	to	90	с
		IP	67
	5	500	Ŋg
EN61326	-1	20	13



100 Frequency Hz

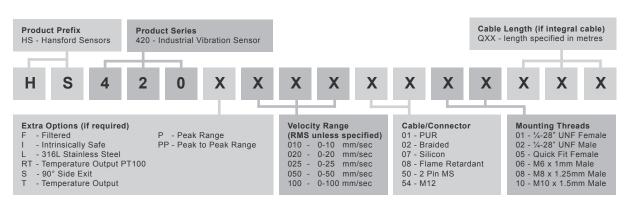
Applications

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

TS029.8

We reserve the right to alter the specification of this product without prior notice

