HS-421 Accelerometer 4-20mA velocity and AC acceleration output via 3 Pin MS Connector

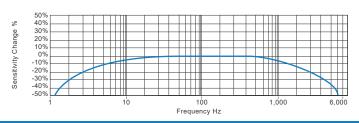


Technical Performance Mechanical Mounted Base Resonance 5kHz min Case Material Velocity Ranges see: 'How To Order' table ±10% Sensing Element/Construction Nominal 80Hz at 22°C Mounting Torque Frequency Response: 4-20mA 10Hz (600cpm) to 1kHz (60kcpm) ± 5% Weight 150gms (nominal) body only - ISO10816 Screened Cable Assembly see: www.hansfordsensors.com for options HS-AA005 - non-booted Frequency Response: AC 2Hz (120cpm) to 10kHz (600kcpm) ± 5% Connector - ISO10816 HS-AA068 or HS-AA069 - booted see: 'How To Order' table Isolation Base isolated Mounting Threads see: 'How To Order' table Range Transverse Sensitivity Less than 5%

ectrical	

Outputs	4-20mA DC current proportional to
	Range and AC acceleration
Bias Voltage	3 Volts DC (nominal)
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	>10 ⁸ Ohms at 500 Volts

Typical Frequency Response (4-20mA signal)



Applications

Maximum Shock

Environmental

Sealing

EMC

Operating Temperature Range

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.)



Stainless Steel

-25 to 120°C

EN61326-1:2013

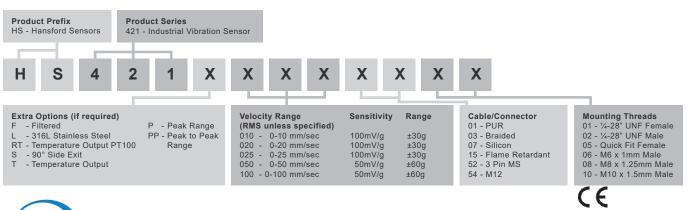
IP68

5000g

8Nm

PZT/Compression

How To Order





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