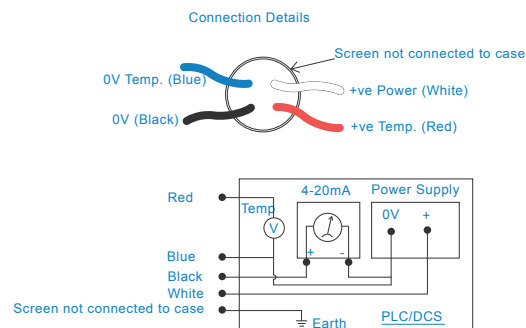
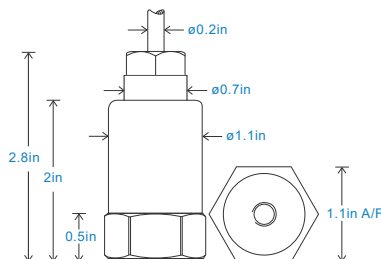


HS-422T Accelerometer

4-20mA acceleration and temperature output via PUR Cable

- For use with PLC/DCS systems
- Temperature output
- Waterproof
- Resistant to oil

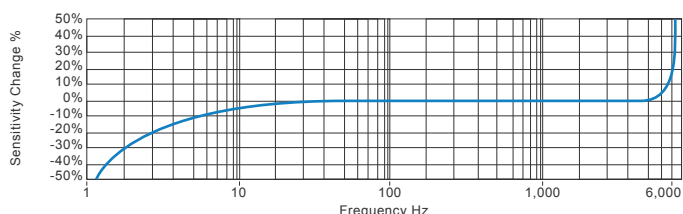
Building services, Pulp and Paper,
Mining, Metals, Utilities, Automotive,
Water, Pharmaceutical



Technical Performance		Mechanical	
Mounted Base Resonance	10kHz min	Case Material	Stainless Steel
Acceleration Ranges	see: 'How To Order' table ±10%	Sensing Element/Construction	PZT/Compression
	Nominal 80Hz at 72°F	Mounting Torque	5.9ft. lbs
Frequency Response	600cpm (10Hz) to 300kcpm (5kHz) ± 5%	Weight	5.2 oz. (nominal)
	- ISO10816	Maximum Cable Length	3,280 ft.
Isolation	Base isolated	Standard Cable Length	16 ft.
Range	see: 'How To Order' table	Shielded Cable	PUR - length to be specified with order
Temperature Output	10mV/°C - 0-1V proportional to 32-212°F (to convert this to 4-20mA use the HS-540 module)	Mounting Threads	see: 'How To Order' table
		Submersible Depth	328 ft. max. (10 bar)
Transverse Sensitivity	Less than 5%		

Electrical		Environmental	
Current Output	4-20mA DC proportional to acceleration	Operating Temperature Range	-13 to 194°F
Supply Voltage	15-30 Volts DC (for 4-20mA)	Sealing	IP68
Settling Time	2 seconds	Maximum Shock	5000g
Output Impedance	Loop Resistance 600 Ohms max. at 24 Volts	EMC	EN61326-1:2013
Case Isolation	>10 ⁸ Ohms at 500 Volts		

Typical Frequency Response



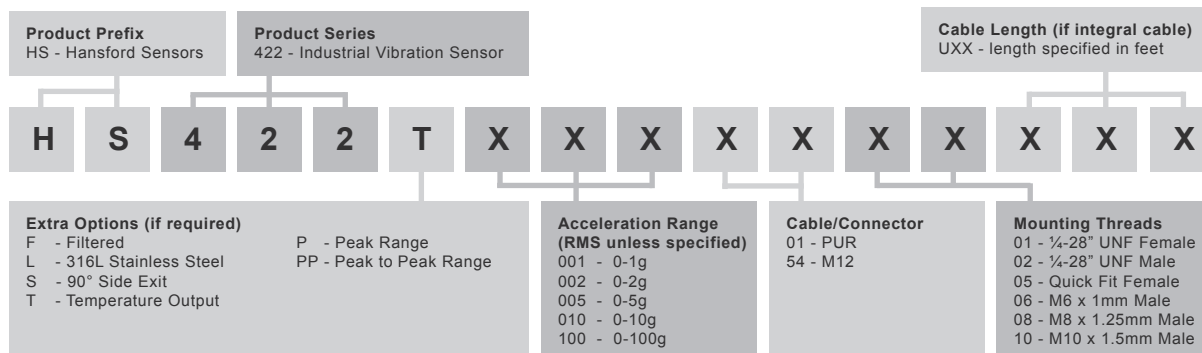
Applications

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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sales@hansfordsensors.com

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

