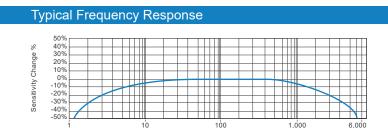
HS-420 Accelerometer 4-20mA velocity output via 4 Core Polyolefin HFFR

Connection Details **Key Features** Screen to case · Halogen free cable ve Power (White) Resistant to oil No Connection (Red) · For use with PLC/DCS systems n (Blue) 0V (Black) No Conne ø22mm 4-20mA Power Supply ø28mm 70m Industries Building services, Pulp and Paper, Mining, Metals, Utilities, Automotive, Black • Water, Pharmaceutical White . Screer to case Ļ Earth PLC/DCS

Technical Performance		Mechanical	
Mounted Base Resonance	5kHz min	Case Material	Stainless Steel
Velocity Ranges	see: 'How To Order' table ±10%	Sensing Element/Constr	ruction PZT/Compression
	Nominal 80Hz at 22°C	Mounting Torque	8Nm
Frequency Response 10Hz (600cpm)	to 1kHz (60kcpm) ± 5% - ISO10816	Weight	150gms (nominal) body only
Isolation	Base isolated	Maximum Cable Length	1000 metres
Range	50g peak	Standard Cable Length	5 metres
Transverse Sensitivity	Less than 5%	Screened Cable	Polyolefin HFFR - length to be specified with order
		Mounting Threads	see: 'How To Order' table

Electrical		Environmental	
Current Output	4-20mA DC proportional to Velocity Range	Operating Temperature Range	-55 to 130°C
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		



Frequency Hz

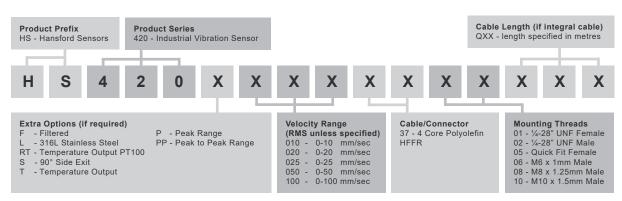
Applications

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







We reserve the right to alter the specification of this product without prior notice \$\$T\$1065.1

