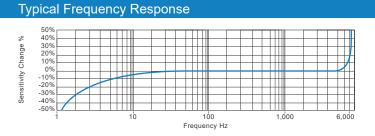
HS-422S Accelerometer

4-20mA acceleration output via PUR Cable



recimical renormance		Mechanical	
Mounted Base Resonance	10kHz min	Case Material	Stainless Steel
Acceleration Ranges	see: 'How To Order' table ±10%	Sensing Element/Construction	PZT/Shear
	Nominal 80Hz at 22°C	Mounting Torque	8Nm
Frequency Response	10Hz (600cpm) to 5kHz (300kcpm) ± 5%	Mounting Bolt Provided	see: 'How To Order' table x 30mm long
	- ISO10816	Weight	185gms (nominal) body only
Isolation	Base isolated	Maximum Cable Length	1000 metres
Range	see: 'How To Order' table	Standard Cable Length	5 metres
Transverse Sensitivity	Less than 5%	Screened Cable	PUR - length to be specified with order
		Mounting Threads	see: 'How To Order' table
		Submersible Depth	100 metres max. (10 bar)

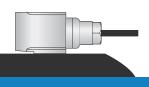
Electrical		Environmental				
			05 / 0000			
Current Output	4-20mA DC proportional to acceleration	Operating Temperature Range	-25 to 90°C			
Supply Voltage	15-30 Volts DC (for 4-20mA)	Sealing	IP68			
Settling Time	1 second	Maximum Shock	5000g			
Output Impedance	Loop Resistance 600 Ohms max. at 24 Volts	EMC	EN61326-1:2013			
Case Isolation	>10 ⁸ Ohms at 500 Volts					



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

Product Prefix HS - Hansford Sensors									Length (if length spe		
H S 4	2 2	S X	X	X	X	X	X	X	X	x	X
Extra Options (if required) F - Filtered P - Peak Range L - 316L Stainless Steel RT - Temperature Output PT100 S - 90° Side Exit T - Temperature Output		Acceleration Range (RMS unless specified) 001 - 0-1g 005 - 0-5g 010 - 0-10g 100 - 0-10g		Cable/Connector 01 - PUR 02 - Braided 07 - Silicon 08 - Flame Retardant 50 - 2 Pin MS 54 - M12		Mounting Threads 02 - ¼-28" UNF Male 06 - M6 x 1mm Male 08 - M8 x 1.25mm Male					
										ors.com	C



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We reserve the right to alter the specification of this product without prior notice TS331.8