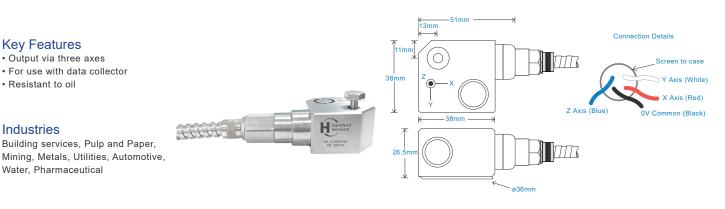
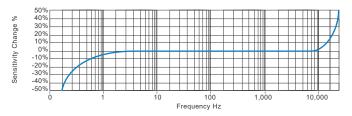
HS-173 Premium Triaxial Accelerometer AC acceleration output via 4 Core Polyolefin HFFR with Protective Conduit



Technical Performance		Mechanical	
Mounted Base Resonance	see 'How To Order' table (nominal)	Case Material	Stainless Steel unless specified Aluminium
	+3kHz for aluminium version	Sensing Element/Construction	PZT/Shear
Sensitivity	see: 'How To Order' table ±10%	Mounting Torque	8Nm
	Nominal 80Hz at 22°C per axies	Mounting Bolt Provided	see: 'How To Order' table x 30mm long
Frequency Response	2Hz (120cpm) to 10kHz (600kcpm) ± 5%	Weight	235gms (nominal) - Stainless Steel
	1.5Hz (90cpm) to 12kHz (720kcpm) ± 10%		115gms (nominal) - Aluminium
	0.8Hz (48cpm) to 15kHz (900kcpm) ± 3dB	Maximum Cable Length	1000 metres
Isolation	Base isolated	Standard Cable Length	5 metres
Range	see: 'How To Order' table	Screened Cable Polyo	lefin HFFR - length to be specified with order
Transverse Sensitivity	Less than 5%	Mounting Threads	see: 'How To Order' table
		Mounting Stud	HS-AS226, HS-AS221 or HS-AS222
		Submersible Depth	100 metres max (10 bar)
Electrical		Environmental	
Electrical Noise	0.1mg max	Operating Temperature Range	-55 to 130°C
Current Range	0.5mA to 8mA	Sealing	IP68
Bias Voltage	10 - 12 Volts DC	Maximum Shock	5000g
Settling Time	1 second	EMC	EN61326-1:2013
Output Impedance	200 Ohms max.		
Case Isolation	>10 ⁸ Ohms at 500 Volts		

Typical Frequency Response (at 100mV/g)



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	Product Series 173 - Triaxial Indus	strial Vibration Sen	sor					
H S 1	7 3	x x	X X	X	X	X	X	
Extra Options (if required) AL - Aluminium Material F - Filtered	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$		20kHz (1,20 19kHz (1,14 18kHz (1,08 17kHz (1,02 16kHz (96	quency Okcpm) Okcpm) Okcpm) Okcpm) Okcpm) Okcpm)	37C - 4 Polyole	Connecto Core fin HFFR ive Condu	with	Mounting Thread 02 - ¼-28" UNF M 06 - M6 x 1mm M 08 - M8 x 1.25mm



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We reserve the right to alter the specification of this product without prior notice TS988.5