HS-150S Premium Accelerometer AC acceleration output via 4 Core Polyolefin HFFR

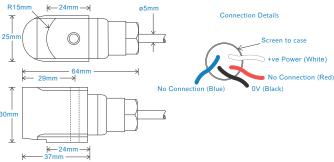
Key Features

· Side entry for easy access

- High Temperature
- Premium design

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

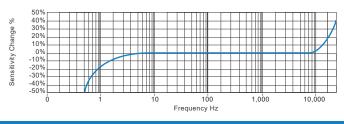




Technical Performance		Mechanical	
Mounted Base Resonance	see 'How To Order' table (nominal)	Case Material	316L Stainless Steel
Sensitivity	see: 'How To Order' table ±10%	Sensing Element/Constr	uction PZT/Shear
	Nominal 80Hz at 22°C	Mounting Torque	8Nm
Frequency Response	1.5Hz (90cpm) to 10kHz (600kcpm) ± 5%	Mounting Bolt provided	see: 'How To Order' table x 35mm long
	0.5Hz (30cpm) to 12kHz (720kcpm) ± 10%	Weight	205gms (nominal) body only
	0.2Hz (12cpm) 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	Polyolefin HFFR - length to be specified with order
Transverse Sensitivity	Less than 5%	Mounting Threads	see: 'How To Order' table
		Submersible Depth	100 metres max (10 bar)

olts DC
ng max
to 8mA
olts DC
econds
ns max.
0 Volts

Typical Frequency Response (at 100mV/g)



Applications

Environmental

Maximum Shock

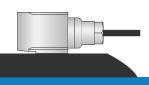
Sealing

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.)



-55 to 130°C

IP68

5000g EN61326-1:2013

How To Order

Product Prefix Product Series HS - Hansford Sensors 150 - Premium Industrial Vibration Sensor			sor					Cable Length QXX - length specified in metres			
H S 1 4	50S	X	X	X	X	X	X	X	X	X	X
Extra Options (if required) F - Filtered RT - Temperature Output PT100 S - 90° Side Exit T - Temperature Output Y - 5% tolerance on sensitivity	050 - 50mV/g 100 - 100mV/g 250 - 250mV/g	±32g	Resona 34kHz 33kHz 32kHz 30kHz 28kHz 26kHz	ant Freque (2,040ki (1,980ki (1,920ki (1,800ki (1,680ki (1,560ki	cpm) cpm) cpm) cpm) cpm)	37 - 4	Connecto Core efin HFFR		02 - ½ 06 - N	ting Thre 4-28" UNF 16 x 1mm 18 x 1.25m	Male Male



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We reserve the right to alter the specification of this pro duct without prior notice TS1049.5