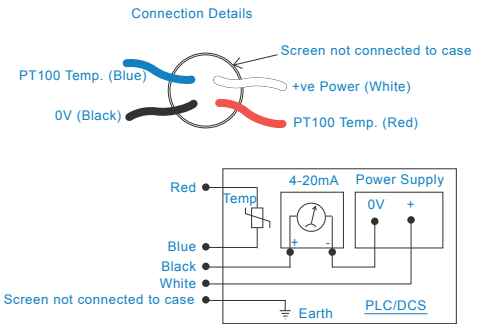
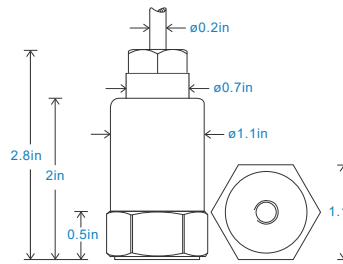


4-20mA acceleration and PT100 temperature output via PUR Cable

- For use with PLC/DCS systems
- PT100 temperature output
- Waterproof
- Resistant to oil

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

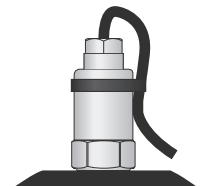


Technical Performance		Mechanical	
Mounted Base Resonance	10kHz min	Case Material	Stainless Steel
Acceleration Ranges	see: 'How To Order' table ±10%	Sensing Element/Construction	PZT/Compression
	Nominal 80Hz at 72°F	Mounting Torque	5.9ft. lbs
Frequency Response	600cpm (10Hz) to 300kcpm (5kHz) ± 5%	Weight	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	PT100 (100 Ohms)	Mounting Threads	see: 'How To Order' table
Transverse Sensitivity	Less than 5%	Submersible Depth	328 ft. max. (10 bar)

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		

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.)



Product Prefix		Product Series		Cable Length (if integral cable)										
HS - Hansford Sensors		422 - Industrial Vibration Sensor		UXX - length specified in feet										
H	S	4	2	2	R	T	X	X	X	X	X	X	X	X
Extra Options (if required) F - Filtered L - 316L Stainless Steel RT - Temperature Output PT100 S - 90° Side Exit						Acceleration Range (RMS unless specified) 001 - 0-1g 002 - 0-2g 005 - 0-5g 010 - 0-10g 100 - 0-100g			Cable/Connector 01 - PUR 54 - M12		Mounting Threads 01 - ¼-28" UNF Female 02 - ¼-28" UNF Male 05 - Quick Fit Female 06 - M6 x 1mm Male 08 - M8 x 1.25mm Male 10 - M10 x 1.5mm Male			



www.hansfordsensors.com
sales@hansfordsensors.com

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

