

Performance	<u>ENGLISH</u>	<u>SI</u>	
Output(Loop power)	4-20 mA	4-20 mA	
Sampling Time	1 sec	1 sec	
Measurement Range(HPF 250 Hz)	0-2 to 0-50 g pk	0-2 to 0-50 g pk	[1][2]
Measurement Range(HPF 2500 Hz)	0-2 to 0-50 RMS	0-2 to 0-50 RMS	[1][2]
Compensated Peak(HPF 250 Hz)	1 to 16	1 to 16	
Crest Factor(HPF 250 Hz)	1 to 16	1 to 16	[1]
Crest Factor Plus(HPF 250 Hz)	1 to 16	1 to 16	[1]
Bearing Diameter	1.57 to 19.69 in	40 to 500 mm	
Bearing Rotation Speed	600 to 4800 RPM	10 to 80 Hz	
Linearity(Loop powered)	10 %	10 %	
Environmental			
Temperature Range	-40 to 212 °F	-40 to 100 °C	
Storage Temperature Range	-40 to 257 °F	-40 to 125 °C	
Electrical			
Excitation Voltage	15 to 30 VDC	15 to 30 VDC	
Load Resistance	50(Vs-15) Ohm	50(Vs-15) Ohm	
Electrical Isolation	>10^8 Ohm	>10^8 Ohm	
Physical			
Size (Height x Hex)	5.67 in x 3.85 in	144 mm x 98 mm	
Weight	7.86 oz	223 gm	[3]
Mounting Thread	1/4 NPT	1/4 NPT	
Sensing Element	Piezoelectric Accelerometer	Piezoelectric Accelerometer	
Housing Material	Stainless Steel	Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	Flying Leads	Flying Leads	
Wire Length	36 in	91.44 cm	
Electrical Connection Position	Top	Top	
Electrical Connections(Positive (+))	18 AWG Red	18 AWG Red	
Electrical Connections(Negative (-))	18 AWG Black	18 AWG Black	
Overload Limit (Shock)	5000 g pk	49,050 m/s ² pk	

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1] Customer programmable parameters
 [2] With 0.1g Step
 [3] Typical.
 [4] See PCB Declaration of Conformance PS124 for details.



*All specifications are at room temperature unless otherwise specified.
 In the interest of constant product improvement, we reserve the right to change specifications without notice.*

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