

TSFA333-IV Series

Inverse Voltage Triaxial Accelerometer, Side Exit 4 Pin Mini-MIL Connector, 100 mV/g, ±15%



VIBRATION ANALYSIS HARDWARE



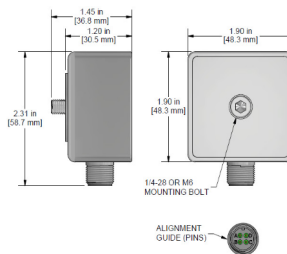
Product Features

Inverse Voltage Triaxial Accelerometer

Follows the Cartesian Coordinate Phase Configuration

- ▶ Monitor 3 Channels of Data Simultaneously
- ▶ For Use With Baker Hughes/Commtest Systems
- ▶ Must Use J4A, J4C, J4N, J4P, or V4J Connectors and CB105, CB117, CB119 or CB218 Cables

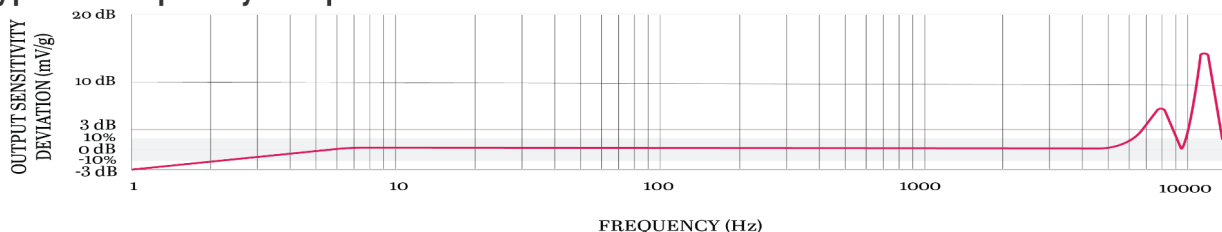
TSFA333-IV
4 Pin Connector



Stock Product

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TSFA333-IV	TSFA343-IV	Environmental		
Sensitivity (±15%)		100 mV/g	Temperature Range	-58 to 250°F	-50 to 121°C
Frequency Response (±3dB)	60-390,000 CPM	1,0-6500 Hz	Electromagnetic Sensitivity	CE	
Dynamic Range		± 50 g, peak	Sealing	Welded, Hermetic	
Electrical			Submersible Depth	200 ft.	60 m
Settling Time	<2.5 seconds		Physical		
Voltage Source (IEPE)	-18 to -30 VDC		Sensing Element	PZT Ceramic	
Constant Current Excitation	2-10 mA		Sensing Structure	Shear Mode	
Spectral Noise @ 10 Hz	27 µg/√Hz		Weight	7.1 oz	200 grams
Spectral Noise @ 100 Hz	6.5 µg/√Hz		Case Material	316L Stainless Steel	
Spectral Noise @ 1000 Hz	2.5 µg/√Hz		Mounting	1/4-28	
Output Impedance	<100 ohm		Connector (Non-Integral)	4 Pin J Connector	
Bias Output Voltage	-10 to -14 VDC		Mounting Torque	1 to 2 ft. lbs.	1,4 to 2,7 Nm
Case Isolation	>10 ⁸ ohm		Mounting Hardware	1/4-28 Captive Bolt	M6x1 Captive Bolt
			Calibration Certificate	CA10	

Typical Frequency Response



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