

TXFA331-VT Series

Premium Low Frequency & Dual Output, Piezo Velocity & Temperature Triaxial Sensor, Side Exit 6 Pin Connector, 500 mV/in/sec, 10 mV/°C, ±5%

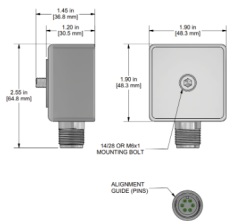


Product Features

- 500 mV/in/sec (20 mV/mm/sec) Sensitivity
- Phase conforms to cartesian coordinate system (right hand rule)

TXFA331-VT
Side Exit 6 Pin Connector

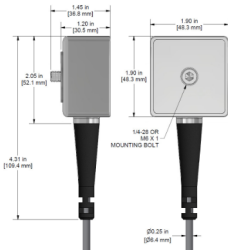
Connector Pin	Polarity
1 (Axis Y)	(+) Signal/Power
2 (Axis X)	(+) Signal/Power
3 (Axis Z)	(+) Signal/Power
4	(-) Common/Grid
5	(+) Temperature
6	Not Used



Stock Product

TXFA431-VT
CB123 Integral Cable

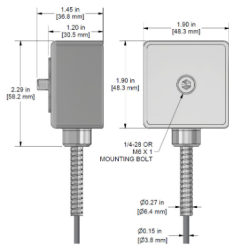
Conductor	Polarity
1 Red (Axis Y)	(+) Signal/Power
2 Green (Axis X)	(+) Signal/Power
3 White (Axis Z)	(+) Signal/Power
4 Black	(-) Common/Grid
5 Blue	(+) Temperature
6	Not Used



Built To Order

TXFA531-VT
CB629 Armored Integral Cable

Connector Pin	Polarity
1 Red (Axis Y)	(+) Signal/Power
2 Green (Axis X)	(+) Signal/Power
3 White (Axis Z)	(+) Signal/Power
4 Black	(-) Common/Grid
5 Blue	(+) Temperature
6	Not Used



Built To Order

Specifications		Standard	Metric	Specifications	Standard	Metric
Part Number		TXFA331-VT	M/TXFA331-VT	<u>Environmental</u>		
Sensitivity (±5%)		500 mV/in/sec		Operating Temperature Range		-58 to 250 °F -50 to 121 °C
Frequency Response (±3dB)		120 to 180,000 CPM	2,0 Hz to 3,000 Hz	Maximum Shock Protection		5,000 g, peak
				Electromagnetic Sensitivity		CE
Frequency Response (±10%)		60 to 270,000 CPM	1,0 Hz to 4,500 Hz	Sealing		Welded, Hermetic
				SIL Rating		SIL 2
				<u>Physical</u>		
Dynamic Range		+ -10 in/sec pk *Vsource = 22V, 12Vbias		Sensing Element		PZT Ceramic
				Sensing Structure		Shear Mode
				Weight		13.4 oz 380 grams
<u>Electrical</u>						
Settling Time		<4 Seconds		Case Material		316L Stainless Steel
V _{pk} = 50 V (1/2PE)		18-30				