

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%

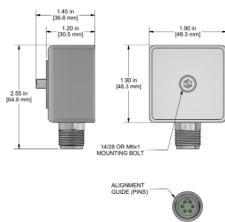


Product Features

- 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

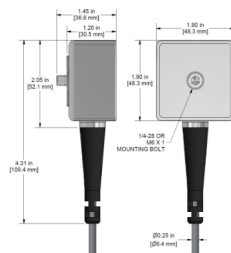
Connector Pin	Polarity
1 (Axis Y)	(+) Signal/Power
2 (Axis X)	(+) Signal/Power
3 (Axis Z)	(+) Signal/Power
4	(-) Common/Grid
5	(+) Temperature
6	Not Used



Stock Product

TXFA431-VT CB123 Integral Cable

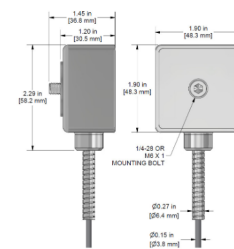
Conductor	Polarity
1 Red (Axis Y)	(+) Signal/Power
2 Green (Axis X)	(+) Signal/Power
3 White (Axis Z)	(+) Signal/Power
4 Black	(-) Common/Grid
5 Blue	(+) Temperature
6	Not Used



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	Environmental		
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	
Frequency Response (±10%)	60 to 270,000 CPM	1,0 Hz to 4,500 Hz	Electromagnetic Sensitivity	CE	
Dynamic Range	±-10 in/sec pk *Vsource = 22V, 12Vbias		Sealing	Welded, Hermetic	
Settling Time	<4 Seconds		SIL Rating	SIL 2	
Weight	13.4 oz		Physical		
Case Material	316L Stainless Steel		Sensing Element	PZT Ceramic	
	18-30		Sensing Structure	Shear Mode	
				380 grams	