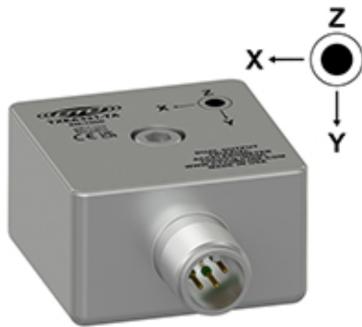


TXEA331-TA Series



VIBRATION ANALYSIS HARDWARE

Premium, Dual Output Triaxial Sensor, Temperature & Acceleration, Side Exit 6 Pin Connector, 100 mV/g, 10 mV/°C, ±5%



Product Features

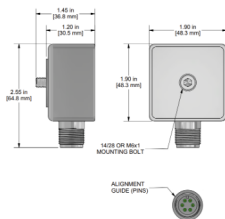
3 Axes of Vibration with Additional Temperature Output in One Sensor

Temperature Output 10 mV/°C

- ▶ Phase conforms to cartesian coordinate system (right hand rule)
- ▶ Must use with A5A Connector, and CB123, CB126 or CB629 Cabling

TXEA331-TA 6 Pin Connector

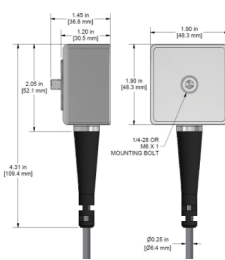
Connector Pin	Polarity
1 (Axis Y)	(+) Signal/Power
2 (Axis X)	(+) Signal/Power
3 (Axis Z)	(+) Signal/Power
4	(-) Common/Ground
5	(+) Temperature
6 (N/A)	



Stock Product

TXEA431-TA CB123 Integral Cable

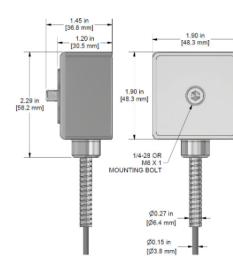
Connector Pin	Polarity
1 Red (Axis Y)	(+) Signal/Power
2 Green (Axis X)	(+) Signal/Power
3 White (Axis Z)	(+) Signal/Power
4 Black	(-) Common/Grid
5 Blue	(+) Temperature
6	Not Used



Built To Order

TXEA531-TA 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	Met	Environmental	Standard	Metric
Part Number	TXEA331-TA	M/TXEA431-TA	TXEA531-TA		
Sensitivity (±5%)	100 mV/g			Operating Temperature Range	-40 to 250°F / -40 to 121°C
Frequency Response (±3dB)	30-420,000 CPM	0.5-7, Hz		Maximum Shock Protection	5,000 g, peak
Frequency Response (±10%)	120-210,000 CPM	2.0-3, Hz		Electromagnetic Sensitivity	CE
				Sealing	IP68
				Submersible Depth	200 ft. / 60 m
Dynamic Range		± 80 g, peak		Sensing Element	PZT Ceramic
		*Vsource ≥ 22V, 12Vbias		Sensing Structure	Shear Mode
Temperature Measurement Range	-40 to 250°F	-40 to		Weight	12.2 oz / 347 grams
Temperature Output	10 mV/°C			Case Material	316L Stainless Steel
Temperature Sensor	750 mV = 25 °C (±1)			Connector (Non-Integral)	6 Pin
					600,000 / 10,000