

TXEA333-HT Series

Low Cost, High Temperature Triaxial Accelerometer, Side Exit 4 Pin Connector, 100 mV/g, ±15%



Product Features

Collect 3 Channels of Data Simultaneously for Faster Data Collection

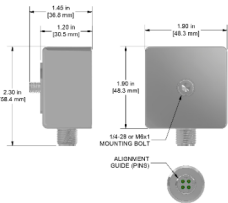
Follows Cartesian Coordinate Phase Configuration (Right Hand Rule)

- ▶ Resistant to Temperatures Up to 325°F (162°C)
- ▶ Mini-MIL Connector Exit Option Compatible with J4R and VJ4R Connectors
- ▶ M12 Connector Exit Option Compatible with M4R Connector

TXEA233-HT

4 Pin M12 Connector

Connector Pin	Polarity
1 (Axis Y)	(+) Signal/Power
2 (Axis X)	(+) Signal/Power
3 (Axis Z)	(+) Signal/Power
4	(-) Common

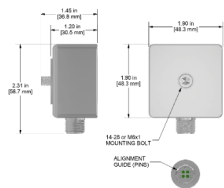


Stock Product

TXEA333-HT

4 Pin Mini-MIL Connector

Connector Pin	Polarity
A (Axis Y)	(+) Signal/Power
B (Axis X)	(+) Signal/Power
C (Axis Z)	(+) Signal/Power
D	(-) Common/Grid

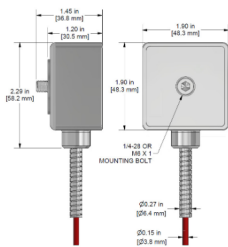


Stock Product

TXEA533-HT

CB218 Armored Integral Cable

Conductor	Polarity
Red (Axis Y)	(+) Signal/Power
Green (Axis X)	(+) Signal/Power
White (Axis Z)	(+) Signal/Power
Black	(-) Common/Grid



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TXEA333-HT	M/TXEA333-HT	<u>Environmental</u>		
Sensitivity (±15%)	100 mV/g		Operating Temperature Range	-58 to 325°F	-50 to 162°C
Frequency Response (±3dB)	30 to 270,000 CPM	0.5 Hz to 4.5 kHz	Maximum Shock Protection		5,000 g, peak
			Electromagnetic Sensitivity		CE
Frequency Response (±10%)	120 to 210,000 CPM	2 Hz to 3 kHz	Sealing		Welded, Hermetic
			Submersible Depth		200 ft. 60 m
Dynamic Range	±50 in/sec pk. *Vsource ≥ 22V, 12Vbias		SIL Rating		SIL 2
			<u>Physical</u>		
			Sensing Element		PZT Ceramic
			Sensing Structure		Shear Mode
<u>Electrical</u>					
Settling Time	<2 Seconds		Weight	13.4 oz	380 grams
Voltage Source (IEPE)	18-30 VDC		Case Material		316L Stainless Steel
Constant Current Excitation	2-10 mA		Connector (Non-Integral)		
Spectral Noise @ 10 Hz	1.7 µg/√Hz				