TXFA333-TA Series

Low Cost, Dual Output Triaxial Sensor, Temperature & Acceleration, Side Exit 6 Pin Connector, 500 mV/g, 10 mV/°C, ±15%

VIBRATION ANALYSIS HARDWARE

CE

Product Features

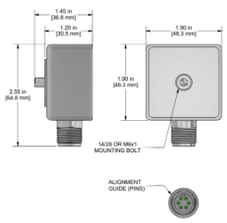
3 Axes of Vibration with Additional Temperature Output in One Sensor

Phase conforms to cartesian coordinate system (right hand rule)

- Designed for low speed Rotors, Main Bearings, and Gear Box Inputs.
- Temperature Output 10 mV/°C
- Compatible with A5A Connector and CB123, CB129 and CB629 cabling

TXFA333-TA

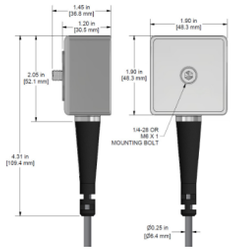
Connector Pin	Polarity
1 (Axis Y)	(+) Signal/Power
2 (Axis X)	(+) Signal/Power
3 (Axis Z)	(+) Signal/Power
4	(-) Common/Ground
5	(+) Temperature
6	Not Used



Stock Product

TXFA433-TA

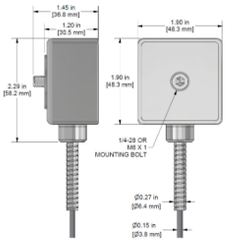
Connector Pin	Polarity
1 Red (Axis Y)	(+) Signal/Power
2 Green (Axis X)	(+) Signal/Power
3 White (Axis Z)	(+) Signal/Power
4 Black	(-) Common/Grid
5 Blue	(+) Temperature
6	Not Used



Built To Order

TXFA533-TA

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
Part Number	TXFA333-TA	M/TXFA333-TA
Sensitivity (±15%)	500 mV/g	
Frequency Response (±3dB)	6-420,000 CPM	0,1-7,0(
Frequency Response (±10%)	18-180,000 CPM	0,3-300
Frequency Response (±5%)	18-180,000 CPM	0,3-300
Dynamic Range	± 10 g, peak *Vsource ≥ 22V, 12Vbias	
Temperature Measurement Range	-40 to 250°F	-40 to
Temperature Output	10 mV/°C	
Temperature Sensor	750 mV = 25 °C (±1)	

Specifications	Standard	Metric
Environmental		
Operating Temperature Range	-58 to 250°F	-50 to 121°C
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	
Submersible Depth	200 ft.	60 m
SIL Rating	SIL 2	
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	13.4 oz	380 grams
Case Material	316L Stainless Steel	
Connector (Non-Integral)	6 Pin	
Resonant Frequency	600,000 CPM	10 kHz