

UEB330 Series

Ultrasound Sensor, 100mV/g, Top Exit, 2 Pin mini-MIL Connector, 1/4-28 Mounting



VIBRATION ANALYSIS HARDWARE



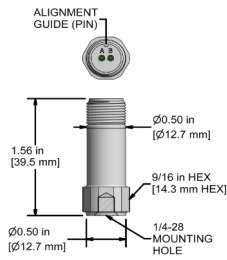
Product Features

- ▶ High Frequency Ultrasound Accelerometer
- ▶ High Amplitude Resonance Peak for Stress Wave Measurement Techniques
- ▶ IEPE Amplifier Technology

UEB330

2 Pin Connector

Connector Pin	Polarity
A	(+) Signal/Power
B	(-) Common

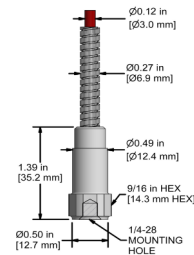


Stock Product

UEB430

Armored Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire

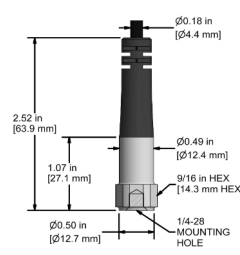


Built To Order

UEB530

Integral Cable

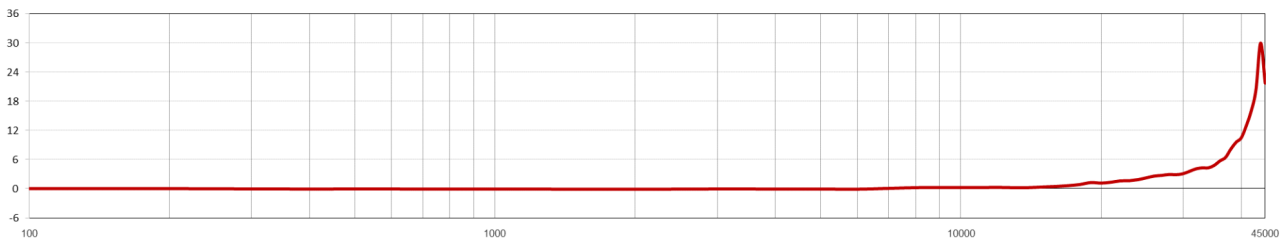
Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	UEB330	M/UEB330	Environmental		
Sensitivity (±10%)	100 mV/g		Temperature Range	-58 to 250°F	-50 to 121°C
Frequency Response (±3dB)	30-1,500,000 CPM	0.5 Hz-25 kHz	Maximum Shock Protection	10,000g, peak	
Frequency Response (±10%)	60-600,000 CPM	1 Hz-10 kHz	Electromagnetic Sensitivity	CE Pending	
Dynamic Range	± 50g, peak		Sealing	Welded, Hermetic	
Peak Sensitivity	30 dB		Physical		
Electrical			Sensing Element	PZT Ceramic	
Settling Time	< 2 Seconds		Sensing Structure	Shear Mode	
Voltage Source (IEPE)	18-30 VDC		Weight	0.7 oz	20 g
Constant Current Excitation	2-10 mA		Case Material	316L Stainless Steel	
Spectral Noise @ 10 Hz	30 µg/√Hz		Mounting	1/4-28 UNF	
Spectral Noise @ 100 Hz	4 µg/√Hz		Connector (Non-Integral)	2 Pin mini-MIL, J Series Connector	
Spectral Noise @ 1000 Hz	2 µg/√Hz		Resonant Frequency	2,640,000 CPM	44 kHz
Output Impedance	< 100 ohm		Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Bias Output Voltage	10-14 VDC		Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
Case Isolation	> 10 ⁸ ohm		Calibration Certificate	CA10	

Ultrasound Resonance



Backed by our Unconditional Lifetime Warranty

www.ctconline.com | sales@ctconline.com | 585-924-5900