

MEB361 Series

Low Cost, Low Profile Accelerometer with Integrated Rotating Locking Nut, Side Exit Molded Integral Cable, 100 mV/g, ±15%



VIBRATION ANALYSIS HARDWARE



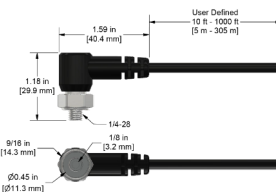
Product Features

Features an Integrated, Rotating Mounting Base for Easy Sensor Positioning

- ▶ Designed for Low Profile, Permanent Monitoring Applications
- ▶ IP68 Rated

MEB361-2A CB110 Integral Cable

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



Stock Product

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	MEB361	M/MEB361	Environmental		
Sensitivity (±15%)	100 mV/g		Operating Temperature Range	-58 to 250 °F	-50 to 121 °C
Frequency Response (±3dB)	30-660,000 CPM	0.5 Hz-11 kHz	Maximum Shock Protection	10,000 g, peak	
Dynamic Range	± 80g, peak	*Vsource	Electromagnetic Sensitivity	CE Approved	
	≥ 22V, 12Vbias		Sealing	IP68	
			Submersible Depth	200 ft.	61 m
			SIL Rating	SIL 2	
Electrical			Physical		
Settling Time	< 2 Seconds		Sensing Element	PZT Ceramic	
Voltage Source (IEPE)	18-30 VDC		Sensing Structure	Shear Mode	
Constant Current Excitation	2-10 mA		Weight	70 ounces	19.8 grams
Spectral Noise @ 10 Hz	30 µg/√Hz		Mounting Base	Polyurethane Molded with 316L Stainless Steel Base	
Spectral Noise @ 100 Hz	4 µg/√Hz		Mounting Thread	1/4-28	
Spectral Noise @ 1000 Hz	2 µg/√Hz		Cable Jacket Diameter	0.175 in. (4.5 mm)	
Output Impedance	< 100 ohm		Cable Jacket Material	Polyurethane	
Bias Output Voltage	10-14 VDC		Cable Conductor	20 AWG Twisted Shielded Pair	
Case Isolation	>10 ⁸ ohm				