

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

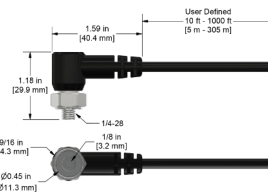
Features an Integrated, Rotating Mounting Base for Easy Sensor Positioning

- ▶ 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 ≥ 22V, 12Vbias		Electromagnetic Sensitivity	CE Approved	
Electrical			Sealing	IP68	
Settling Time	< 2 Seconds		Submersible Depth	200 ft.	61 m
Voltage Source (IEPE)	18-30 VDC		SIL Rating	SIL 2	
Constant Current Excitation	2-10 mA		Physical		
Spectral Noise @ 10 Hz	30 µg/√Hz		Sensing Element	PZT Ceramic	
Spectral Noise @ 100 Hz	4 µg/√Hz		Sensing Structure	Shear Mode	
Spectral Noise @ 1000 Hz	2 µg/√Hz		Weight	70 ounces	19.8 grams
Output Impedance	< 100 ohm		Mounting Base	Polyurethane Molded with 316L Stainless Steel Base	
Bias Output Voltage	10-14 VDC		Mounting Thread	1/4-28	
Case Isolation	>10 ⁸ ohm		Cable Jacket Diameter	0.175 in. (4.5 mm)	
			Cable Jacket Material	Polyurethane	
			Cable Conductor	20 AWG Twisted Shielded Pair	
			Resonant Frequency	1,200,000 CPM	20 kHz
			Mounting Torque	1.5 - 2.5 ft. lbs	2.0 to 3.4 Nm
			Mounting Hardware Supplied	1/4-28 Stud	M6x1 Adapter Stud
			Calibration Certificate	CA10	

Typical Frequency Response



Backed by our Unconditional Lifetime Warranty & Free Annual Recalibration Service

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