

MEB361 Series

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



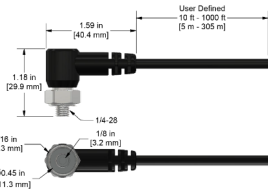
Product Features

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