

MCB360 Series

Premium, Low Profile Accelerometer with Integrated Rotating Mounting Base, Side Exit Molded Integral Cable, 10 mV/g, ±5%



VIBRATION ANALYSIS HARDWARE



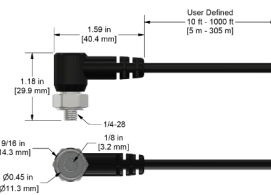
Product Features

Features an Integrated, Rotating Mounting Base for Easy Sensor Positioning

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

MCB360-2A CB110 Integral Cable

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



Stock Product

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	MCB360	M/MCB360	Environmental		
Sensitivity (±5%)	10 mV/g		Operating Temperature Range	-58 to 250 °F	-50 to 121 °C
Frequency Response (±3dB)	30-840,000 CPM	0.5 Hz-14 kHz	Maximum Shock Protection	10,000 g, peak	
Dynamic Range	*V _{source} ≥ 22V, 12V _{bias}	± 500 g, peak	Electromagnetic Sensitivity	CE Approved	
Electrical			Sealing	IP68	
Settling Time	< 2 Seconds		SIL Rating	SIL 2	
Voltage Source (IEPE)	18-30 VDC		Physical		
Constant Current Excitation	2-10 mA		Sensing Element	PZT Ceramic	
Spectral Noise @ 10 Hz	100 µg/√Hz		Sensing Structure	Shear Mode	
Spectral Noise @ 100 Hz	19 µg/√Hz		Weight	70 ounces	19.8 grams
Spectral Noise @ 1000 Hz	5 µg/√Hz		Mounting Base	316L Stainless Steel	
Output Impedance	< 100 ohm		Mounting Thread	1/4-28	
Bias Output Voltage	10-14 VDC		Cable Jacket Diameter	0.175 in. (4.5 mm)	
Case Isolation	>10 ⁸ ohm		Cable Jacket Material	Polyurethane	
			Cable Conductor	20 AWG Twisted Shielded Pair	
			Mounting Torque	1.5 - 2.5 ft. lbs	2,0 to 3,4 Nm
					M6x1