

MCB360 Series

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



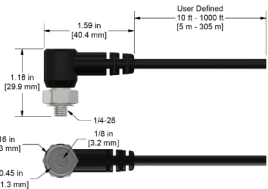
Product Features

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	<u>Environmental</u>		
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		± 500 g, peak *Vsource ≥ 22V, 12Vbias	Electromagnetic Sensitivity		CE Approved
<u>Electrical</u>			Sealing		IP68
Settling Time	< 2 Seconds		SIL Rating		SIL 2
Voltage Source (IEPE)	18-30 VDC		<u>Physical</u>		
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