

MEB210 - MEB210 KEVYT, VALETTU RUNKO, PAINO VAIN 10G, 100 MV/G TOP EXIT, INTEGRAL CABLE, 10-32 MOUNTING, GENERAL PURPOSE

MEB 210 Overmolded Accelerometer, IP68 Rated, Low Cost

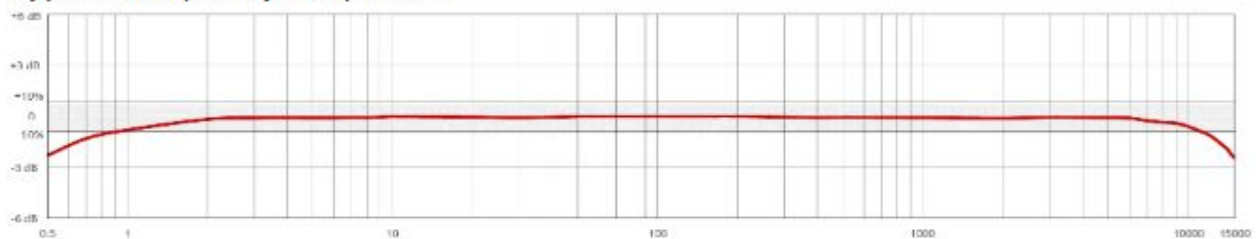
Valmistaja:	CTC
Tuotenumero:	MEB210
Tyyppi:	1-akselinen Teollisuus
Herkkyys:	100 mV/g
Taajuusalue:	1-10000 Hz
Mittausalue:	± 50 g

- Sensitivity: 100 mV/g
- Frequency Response (±3dB): 30-900,000 CPM
- Dynamic Range: ± 50g, peak
- Power Requirements Voltage Source: 18-30 VDC
- Temperature Range: -58 to 250°F
- Case Material: 316L Stainless Steel
- Connector: 10-32
- Max Temp: 250°F (121°C)

Tekniset tiedot

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	MEB210	M/MEB210	Environmental		
Sensitivity (±10%)		100 mV/g	Temperature Range	-59 to 250°F	-50 to 121°C
Frequency Response (±3dB)	30-900,000 CPM	0.5 Hz-15 kHz	Maximum Shock Protection		10,000 g, peak
Frequency Response (±10%)	60-600,000 CPM	1 Hz-10 kHz	Electromagnetic Sensitivity		CE Pending
Dynamic Range		± 50g, peak	Sealing		Welded, Hermetic
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	0.35 oz	10 grams
Spectral Noise @ 10 Hz	30 µg/√Hz		Case Material		316L Stainless Steel
Spectral Noise @ 100 Hz	4 µg/√Hz		Mounting		10-32 UNF
Spectral Noise @ 1000 Hz	2 µg/√Hz		Connector		10-32
Output Impedance	< 100 ohm		Cable Jacket Diameter		0.14 in (3.6 mm)
Bias Output Voltage	10-14 VDC		Cable Jacket Material		Polyurethane
Case Isolation	>10 ⁹ ohm		Cable Conductor		26 AWG Twisted Shielded Pair
			Resonant Frequency	2,640,000 CPM	44 kHz
			Mounting Hardware	10-32 Stud	M5 Stud
			Calibration Certificate		CA10

Typical Frequency Response



Dokumentit

1. [Esite](http://www.mip.fi/images/docs/fi/meb210_datasheet.pdf), (URL: http://www.mip.fi/images/docs/fi/meb210_datasheet.pdf)

Lisäkuvat ja videot