MEB211 - KEVYT, VALETTU RUNKO, PAINO VAIN 10G, 100 MV/G TOP EXIT, INTEGRAL CABLE, 10-32 MOUNTING, PREMIUM

MEB211 Overmolded Accelerometer, IP68 Rated, Low Cost

Valmistaja:	CTC
Tuotenumero:	MEB211
Tyyppi:	1-akselinen Teollisuus
Herkkyys:	100 mV/g
Taajuusalue:	0 5-30000 Hz
Mittausalue:	± 50 g

- Sensitivity: 100 mV/g
- Frequency Response (±3dB): 30-1,800,000 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)
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Tekniset tiedot

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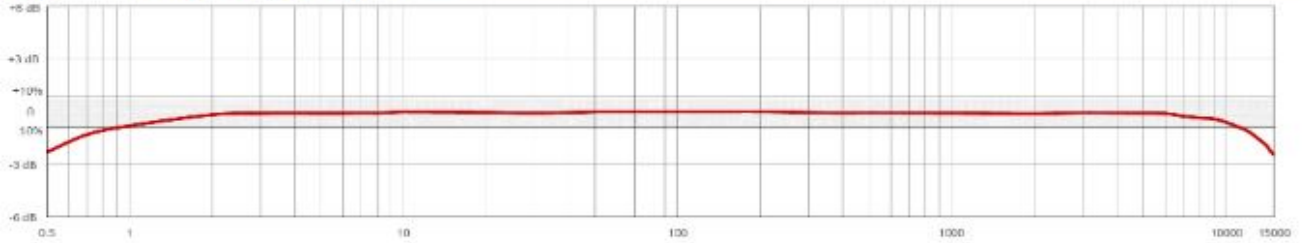
Specifications	Standard	Metric
Part Number	MEB210	M/MEB210
Sensitivity (±10%)	100 mV/g	
Frequency Response (±3dB)	30-900,000 CPM	0.5 Hz-15 kHz
Frequency Response (±10%)	60-600,000 CPM	1 Hz-10 kHz
Dynamic Range	± 50g, peak	
Electrical		
Settling Time	< 2 Seconds	
Voltage Source (IEPE)	18-30 VDC	
Constant Current Excitation	2-10 mA	
Spectral Noise @ 10 Hz	30 µg/√Hz	
Spectral Noise @ 100 Hz	4 µg/√Hz	
Spectral Noise @ 1000 Hz	2 µg/√Hz	
Output Impedance	< 100 ohm	
Bias Output Voltage	10-14 VDC	
Case Isolation	>10^8 ohm	

Specifications	Standard	Metric
Environmental		
Temperature Range	-58 to 250°F	-50 to 121°C
Maximum Shock Protection	10,000 g, peak	
Electromagnetic Sensitivity	CE Pending	
Sealing	Welded, Hermetic	
Physical		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	0.35 oz	10 grams
Case Material	316L Stainless Steel	
Mounting	10-32 UNF	
Connector	10-32	
Cable Jacket Diameter	0.14 in (3.6 mm)	
Cable Jacket Material	Polyurethane	
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 , (URL: http://www.mip.fi/images/docs/fi/meb211_datasheet.pdf)

Lisäkuvat ja videot