

AMB/30HR.66C Biaxial MEMS High Resolution DC Response Accelerometer

±30g range, 66.7mV/g sensitivity



	Metric	Imperial
Sensitivity (20°C)	6.8mV/(m/s ²)±10%	66.7mV/g±10%
Measurement Range	±294m/s ² pk	±30g pk
Transverse sensitivity	≤5%	
Frequency Range (±5%)	DC to 1500 Hz	
Frequency Range (±10%)	DC to 1600Hz	
Mounted Resonance Frequency	5,000 Hz	
Temperature Range	-40 to +120°C	-40 to +248°F
Temperature Sensitivity	0.1 mV/°C	
Shock limit (No Supply)	29,420m/s ²	±3,000g
Power Supply	+6 to +30 VDC	
Operating Current	≤5mA	
Offset Voltage	2.5±0.1VDC	
Noise(100Hz)	< 0.14mVrms	
Resolution	5.5mg (rms)	
Weight	18grams	0.63oz
Case material	Titanium	
Case sealing	Hermetic	
Mounting	2 x Ø3.2mm hole	2 x Ø0.12inch holes
Connector Exit	Side	
Size	24 x 24 x 15mm	0.94x 0.94 x 0.59 inches
IP rating	IP65	

Options:

- DCM-03 – 3 channel MEMS signal conditioning unit.
- Pigtail cable terminations

Please note: For information and reference only. Data should not be used as pass / fail criteria for calibration purposes.

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A UK company with UK-based manufacturing, assembly and calibration in-house.

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