AC155 Series
Low Cost Modal/ODS Triaxial Accelerometer, Top Exit Connector, 100 mV/g

Must Use J4A, J4C or J4N Connectors
Must Use CB105, CB117, CB119 or CB218 Cables

Product Features
Modal/ODS Triaxial Sensor
Collect 3 Axes of Data for Modal Analysis and ODS (Operating Deflection Shape)

- 100 mV/g, ±15% Sensitivity
- Phase conforms to Cartesian Coordinate System (Right Hand Rule)

Operating Deflection Shape created from vibration and phase measurements.

Specifications
Part Number AC155-1D M/AC155-1D
Sensitivity (±15%) 100 mV/g
Frequency Response (±3dB) 36-390,000 CPM 0.6-6500 Hz
Dynamic Range ± 50 g, peak
Settling Time <2.5 seconds
Voltage Source (IEPE) 18-30 VDC
Constant Current Excitation 2-10 mA
Spectral Noise @ 10 Hz 27 µµg/√Hz
Spectral Noise @ 100 Hz 6.5 µµg/√Hz
Spectral Noise @ 1000 Hz 2.5 µµg/√Hz
Output Impedance <100 ohm
Bias Output Voltage 10-14 VDC
Case Isolation >10⁶ ohm

Ordering Information
Standard AC155-1D
(1/4-28 Captive Bolt)

Metric M/AC155-1D
M6x1 Captive Bolt

*MH108-11B Adapter Screw 10-32 is Optional