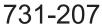
## Compact, ultra low-frequency accelerometer







## **SPECIFICATIONS**

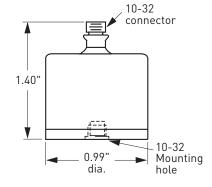
Sensitivity, ±10%, 25°C		10 V/g
Acceleration range		0.5 g peak
Amplitude nonlinearity		1%
Frequency response, nominal:	±5% ±10% ±3 dB	0.6 - 650 Hz 0.5 - 850 Hz 0.2 - 1,300 Hz
Resonance frequency, mounted,	nominal	2.4 kHz
Transverse sensitivity, max		1% of axial
Temperature response:	0°C +80°C	–14% +14%
Power requirement: Voltage source Current regulating diode		18 - 30 VDC 2 - 10 mA
Electrical noise, equiv. g, nomina Broadband 2.5 Hz to Spectral		2 μg 0.28 μg/√Hz 0.09 μg/√Hz 0.03 μg/√Hz
Output impedance, max		500 Ω
Bias output voltage, nominal		10 VDC
Grounding		case grounded
Temperature range		0° to +80°C
Vibration limit		50 g peak
Shock limit		250 g peak
Electromagnetic sensitivity at 60	Hz	20 µg/gauss
Sealing		hermetic
Base strain sensitivity		0.0005 g/µstrain
Weight		60 grams
Case material		316L stainless steel
Mounting		10-32 UNF
Output connector		10-32 coaxial
Recommended cabling		J93

Accessories supplied: SF1 mounting stud; calibration data (level 3)



## **Key features**

- · Ultra high sensitivity
- Ultra low noise
- · Compact construction
- · Ideal for seismic applications
- · Manufactured in ISO 9001 facility





Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.