## High temperature accelerometer



## **SPECIFICATIONS**

Sensitivity, 25°C, nominal		25 pC/g
Amplitude nonlinearity, to 250 g		1%
Frequency response:	±5% ±10%	6,000 Hz 8,000 Hz
Resonance frequency	±3 dB	12,000 Hz 30 kHz
Transverse sensitivity, max		7% of axial
	–50°C	+10%
Temperature response:	+260°C	+20%
Capacitance		500 pF
Resistance, min		1,000 ΜΩ
Grounding		case isolated
Temperature range		–50° to +260°C
Vibration limit		500 g peak
Shock limit, max		5,000 g peak
Sealing		welded
Base strain sensitivity, max		0.002 g/µstrain
Humidity limit		100% relative
Sensing element design		PZT ceramic / compression
Weight		75 grams
Case material		stainless steel
Mounting		1/4-28 tapped hole
Output connector		10-32 coaxial
Mating connector		R1
Recommended cabling		J3

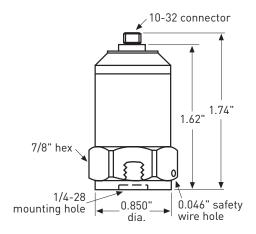
Accessories supplied: SF6 mounting stud (international customers specify mounting requirements); calibration data (level 3)





## **Key features**

- Industrial ruggedness
- Charge output
- 260°C operation
- · Manufactured in ISO 9001 facility



Connections		
Function	Connector pin	
crystal, positive	shell	
crystal, negative	pin	

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