

High temperature accelerometer

376

SPECIFICATIONS

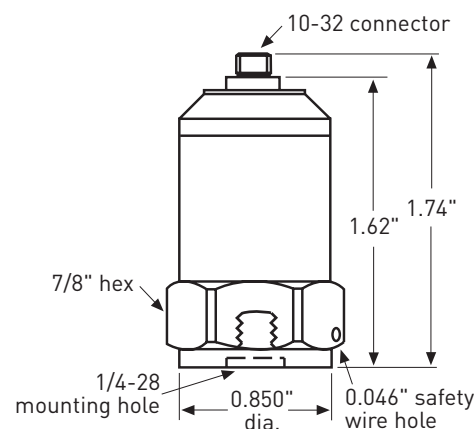
Sensitivity, 25°C, nominal	25 pC/g
Amplitude nonlinearity, to 250 g	1%
Frequency response:	
±5%	6,000 Hz
±10%	8,000 Hz
±3 dB	12,000 Hz
Resonance frequency	30 kHz
Transverse sensitivity, max	7% of axial
Temperature response:	
-50°C	+10%
+260°C	+20%
Capacitance	500 pF
Resistance, min	1,000 MΩ
Grounding	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



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