

## 2106C Precision Accelerometer

### Single Axis & High Stability

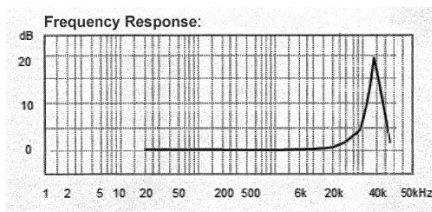
#### Properties

- Precision accelerometer with share ceramics
- Charge output, no external power required
- Wide dynamic range
- Rugged stainless steel housing



Piezo design	Share design	
Output	Charge	
Charge sensitivity	25	pC/g
Sensitivity tolerance	20	%
Measurement range, pos./neg.	2000 / 2000	g
Destruction limit	5000	g
Capacitance without cable	1100	pF
Transverse sensitivity	<10	%
Upper frequency limit (±1 dB)	10000	Hz
Resonant frequency	>30	kHz
Resonance amplitude	30	dB
Operating temperature range	-54 - 150	°C
Temperature coefficient of voltage sensitivity	0,07	%/K
Temperature transient sensitivity	30	m/s <sup>2</sup> /K
Acoustic noise sensitivity	0,1	m/s <sup>2</sup> /Pa
Magnetic field sensitivity	10	m/s <sup>2</sup> /T
Size (DxH)	13x20	mm
Weight without cable	12	g
Case material	Stainless steel	
Connector direction	radial	
Connector	UNF10-32	
Mounting	M5	

#### Typical Frequency Response



#### Connection Accessories

- 009-UNF-BNC-5: Low-noise cable; 5 m; UNF 10-32 to BNC; 120 °C; D2,1

#### Mounting Accessories

- B001-100N magnetic base insulating type
- 030: Triaxial mounting cube; M5; □21