



**m/s<sup>2</sup>** **726 AND 726T**  
Compact piezoelectric accelerometers

**SPECIFICATIONS**

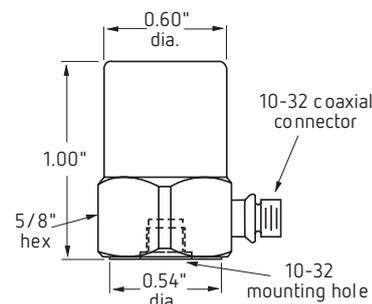
<b>Sensitivity, ± 5%, 25°C</b>		100 mV/g
<b>Acceleration range</b>		80 g peak
<b>Amplitude nonlinearity</b>		1%
<b>Frequency response:</b>	<b>± 5%</b>	2.0 - 10,000 Hz
	<b>± 10%</b>	1.0 - 12,000 Hz
	<b>± 3 dB</b>	0.6 - 15,000 Hz
<b>Resonance frequency, mounted, nominal</b>		32 kHz
<b>Transverse sensitivity, max</b>		5% of axial
<b>Temperature response:</b>	<b>-50°C</b>	-10%
	<b>+120°C</b>	+5%
<b>Power requirement:</b>		
<b>Voltage source</b>		18 - 30 VDC
<b>Current regulating diode</b>		2 - 10 mA
<b>Electrical noise, equiv. g, nominal:</b>		
<b>Broadband</b>	<b>2.5 Hz to 25 kHz</b>	60 µg
<b>Spectral</b>	<b>10 Hz</b>	8.0 µg/√Hz
	<b>100 Hz</b>	0.8 µg/√Hz
	<b>1,000 Hz</b>	0.3 µg/√Hz
	<b>10,000 Hz</b>	0.2 µg/√Hz
<b>Output impedance, max</b>		100 Ω
<b>Bias output voltage, nominal</b>		12 VDC
<b>Grounding:</b>	<b>726 (side connector)</b>	case grounded
	<b>726T (top connector)</b>	base isolated
<b>Temperature range</b>		-50° to +120°C
<b>Vibration limit</b>		500 g peak
<b>Shock limit</b>		5,000 g peak
<b>Electromagnetic sensitivity at 60 Hz</b>		40 µg/gauss
<b>Base strain sensitivity</b>		0.002 g/µstrain
<b>Weight:</b>	<b>726</b>	30 grams
	<b>726T</b>	34 grams
<b>Case material</b>		316L stainless steel
<b>Mounting</b>		10-32 tapped hole
<b>Output connector</b>		10-32 coaxial
<b>Mating connector</b>		R1
<b>Recommended cabling</b>		J93

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

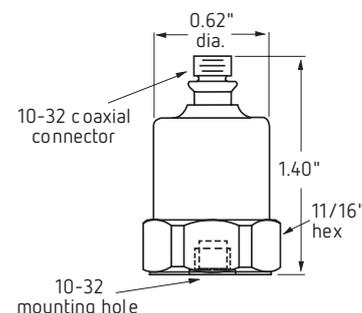


**Key features**

- Wide frequency range
- Low noise floor
- Manufactured in ISO 9001 facility



Model 726



Model 726T



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

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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