## **Compact piezoelectric accelerometers**



## 726 and 726T

## **SPECIFICATIONS**

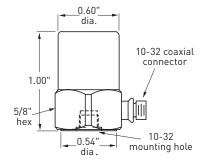
01 2011 10/1110110	
Sensitivity, ±5%, 25°C	100 mV/g
Acceleration range	80 g peak
Amplitude nonlinearity	1%
Frequency response: ±5% ±10% ±3 dE	1.0 - 12,000 Hz
Resonance frequency, mounted, nomin	al 32 kHz
Transverse sensitivity, max	5% of axial
Temperature response: -50°C +120°C	
Power requirement: Voltage source Current regulating diode	18 - 30 VDC 2 - 10 mA
Electrical noise, equiv. g, nominal:  Broadband 2.5 Hz to 25 kHz Spectral 10 Hz 100 Hz 1,000 Hz 10,000 Hz	z 8.0 µg/√Hz z 0.8 µg/√Hz z 0.3 µg/√Hz
Output impedance, max	100 Ω
Bias output voltage, nominal	12 VDC
Grounding: 726 (side connector) 726T (top connector)	
Temperature range	–50° to +120°C
Vibration limit	500 g peak
Shock limit	5,000 g peak
Electromagnetic sensitivity at 60 Hz	40 μg/gauss
Base strain sensitivity	0.002 g/µstrain
Weight: 726 7261	
	<u> </u>
Case material	316L stainless steel
Case material Mounting	
	316L stainless steel
Mounting	316L stainless steel 10-32 tapped hole

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

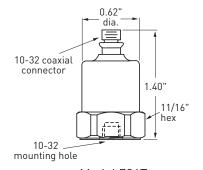


## **Key features**

- · 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.

Tel: +1 (301) 330-8811 Fax: +1 (301) 330-8873 info@wilcoxon.com