



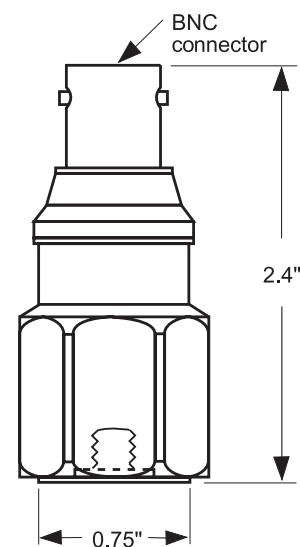
786C
Industrial accelerometer

SPECIFICATIONS

Sensitivity, ±5%, 25°C	100 mV/g
Acceleration range, VDC > 25 V	80 g peak
Amplitude nonlinearity	1%
Frequency response, nominal:	1 - 9,000 Hz
±10%	0.5 - 14,000 Hz
±3 dB	
Resonance frequency, mounted, nominal	30 kHz
Transverse sensitivity, max	5% of axial
Temperature response:	-10%
-25°C	+10%
+120°C	
Power requirement:	
Voltage source	18 - 30 VDC
Current regulating diode	2 - 10 mA
Electrical noise, equiv. g, nominal:	
Broadband	2.5 Hz to 25 kHz
Spectral	10 Hz
	100 Hz
	1,000 Hz
	700 µg
	10 µg/√Hz
	5 µg/√Hz
	5 µg/√Hz
Output impedance, max	100 Ω
Bias output voltage, nominal	12 VDC
Grounding	case isolated, internally shielded
Temperature range	-50° to +120°C
Vibration limit	500 g peak
Shock limit	5,000 g peak
Electromagnetic sensitivity, equiv. g, max	70 µg/gauss
Sealing¹	IP67
Base strain sensitivity, max	0.0002 g/µstrain
Weight	90 grams
Case material	316L stainless steel
Mounting	1/4-28 UNF tapped hole
Connector	BNC

Key features

- General purpose with BNC connector
- Manufactured in ISO 9001 facility



Connections	
Function	Connector pin
power/signal	A
common	B



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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