



## 993A-5

## Triaxial accelerometer with integral cable

## SPECIFICATIONS

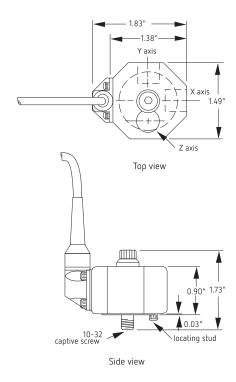
Sensitivity, ±10%, 25°C	100 mV/g
Acceleration range	50 g peak
Amplitude nonlinearity	1%
Frequency response:	
all channels, ±10	
Transverse sensitivity, max	5% of axial
Temperature response: -50	
+25	2 7 7 9
+80 +120	2 273
	C -170
Power requirement: Voltage source	18 - 30 VDC
Current regulating diode	2 - 10 mA
Electrical noise, equiv. g:	
Broadband 2.5 Hz to 25 kl	<b>Hz</b> 150 μg
Spectral 10	<b>Hz</b> 20 μg/√Hz
100	
1,000	<b>Hz</b> 0.6 μg/√Hz
Output impedance, max	100 Ω
Bias output voltage	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	100 μg/gauss
Sealing	ероху
Base strain sensitivity	0.002 g/µstrain
Sensing element design	PZT, shear
Weight	90 grams
Case material	hardcoated aluminum
Mounting	10-32 captive screw
Recommended cabling	J98 integral cable, 6 ft.

Accessories supplied: #11085 captive screw; calibration data (level 2)



## **Key features**

- Measures three axes at a single mounting location for faster, more efficient data collection
- Manufactured in ISO 9001 facility



Connections	
Function	Cable conductor color
axis X, power/signal	green
axis Y, power/signal	red
axis Z, power/signal	white
common (all channels)	black
N/C	shield
axis X, power/signal axis Y, power/signal axis Z, power/signal common (all channels)	green red white black

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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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