

EX600B13包含侧出口加速度计和剪切传感晶体

产品名称	EX600B13包含侧出口加速度计和剪切传感晶体
公司名称	上海持承自动化设备有限公司
价格	185.00/个
规格参数	PCB:100.0 mV/g EX600B: ± 50 g 美国:282 to 21000
公司地址	上海市金山区吕巷镇干巷荣昌路318号3幢1018室
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产品详情

EX600B13包含侧出口加速度计和剪切传感晶体 Model: EX600B13

UHT-12, high temperature, charge mode accelerometer kit containing a side exit accelerometer with shear sensing crystal, 10 ft integral hard-line cable, and integral charge amplifier

Sensitivity: (± 5%) 100.0 mV/g(10.2 mV/(m/s))

Sensing Element: UHT-12

Measurement Range: (Peak) ± 50 g(± 490 m/s)

Weight: (with cable) 10.5 oz(300 gm)

PERFORMANCE Sensitivity (± 5 %) 100.0 mV/g 10.2 mV/(m/s) [1] Measurement Range (Peak) ± 50 g ± 490 m/s Frequency Range (± 5 %) 282 to 210000 cpm 4.7 to 3500 Hz [2] [4] Frequency Range (± 10 %) 204 to 300000 cpm 3.4 to 5000 Hz Resonant Frequency 1200 kcpm 20 kHz [5] Broadband Resolution (1 to 10000 Hz) 450 g 4415 m/sec² [1] [5] Non-Linearity ± 1 % ± 1 % [3] Transverse Sensitivity < 5 % < 5 % ENVIRONMENTAL Overload Limit (Shock) 1000 g pk 9810 m/s pk [1] Temperature Range (Accelerometer) -65 to +900 ° F -54 to +482 ° C Temperature Range (Charge Amplifier) -60 to +250 ° F -51 to +121 ° C Temperature Response See Graph % / ° F See Graph % / ° F [5] Base Strain Sensitivity 0.006 g / 0.06 (m/s) / [1] ELECTRICAL Settling Time (at 70 ° F within 1% of bias) 1.0 sec 1.0 sec Discharge Time Constant .10 sec .10 sec Excitation Voltage 22 to 28 VDC 22 to 28 VDC Constant Current Excitation 2.2 to 20 mA 2.2 to 20 mA Output Impedance 1000 Ohm 1000 Ohm [5] Output Bias Voltage 12 to 16 VDC 12 to 16 VDC Spectral Noise (10 Hz) 30 g / Hz 294 (m/sec²) / Hz [1] [5] Spectral Noise (100 Hz) 8 g / Hz 78 (m/sec²) / Hz [1] [5] Spectral Noise (1 kHz) 4 g / Hz 39 (m/sec²) / Hz [1] [5] Electrical Isolation 100000000 Ohm 100000000 Ohm PHYSICALS Size - Diameter 1.5 in 38.1 mm Size - Height 0.75 in 19.1 mm Weight (with cable) 10.5 oz 300 gm Mounting Through Holes (3) Through Holes (3) Sensing Element UHT-12 UHT-12 Sensing Geometry Shear Shear Housing

Material Inconel Inconel Sealing Welded Hermetic Welded Hermetic Electrical Connector 2-Pin MIL-C-50152-Pin MIL-C-5015 Electrical Connection Position Side Side Cable Length 10 ft 3 m Cable Type Integral Hardline Cable Integral Hardline Cable

All specifications are at room temperature unless otherwise specified.

Product Notes

[1] Conversion Factor $1g = 9.81 \text{ m/s}$. [2] $1\text{Hz} = 60 \text{ cpm}$ (cycles per minute). [3] Zero-based, least-squares, straight line method. [4] The high frequency tolerance is accurate within $\pm 10\%$ of the specified frequency. [5] Typical value. [6] See PCB Declaration of Conformance PS116 for details.

Accessories:

Supplied 081A99 Cap Screw (3) ICS-1 NIST-traceable single-axis amplitude response calibration from 600 cpm (10 Hz) to upper 5% frequency (1)