

356A16三轴加速度传感器附件可选

产品名称	356A16三轴加速度传感器附件可选
公司名称	上海持承自动化设备有限公司
价格	103.00/个
规格参数	PCB:100 mV/g 356A16:10.2 mV/(m/s 美国:U.S.A
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产品详情

356A16三轴加速度传感器附件可选PERFORMANCE Sensitivity ($\pm 10\%$) 100 mV/g 10.2 mV/(m/s) Measurement Range ± 50 g pk ± 490 m/s pk Frequency Range ($\pm 5\%$) (y or z axis) 0.5 to 5000 Hz 0.5 to 5000 Hz Frequency Range ($\pm 5\%$) (x axis) 0.5 to 4500 Hz 0.5 to 4500 Hz Frequency Range ($\pm 10\%$) 0.3 to 6000 Hz 0.3 to 6000 Hz Resonant Frequency 25 kHz 25 kHz Broadband Resolution (1 to 10000 Hz) 0.0001 g rms 0.001 m/s rms [2] Phase Response ($\pm 5^\circ$) 1.0 to 5000 Hz 1.0 to 5000 Hz Non-Linearity 1% 1% [1] Transverse Sensitivity 5% 5% ENVIRONMENTAL Overload Limit (Shock) ± 7000 g pk ± 68600 m/s pk Temperature Range (Operating) -65 to +176 ° F -54 to +80 ° C Temperature Response See Graph %/ ° F See Graph %/ ° F [2] Base Strain Sensitivity 0.001 g/ 0.01 (m/s)/ [2] ELECTRICAL Excitation Voltage 20 to 30 VDC 20 to 30 VDC Constant Current Excitation 2 to 20 mA 2 to 20 mA Output Impedance 200 Ohm 200 Ohm Output Bias Voltage 8 to 12 VDC 8 to 12 VDC Discharge Time Constant 1.0 to 3.0 sec 1.0 to 3.0 sec Settling Time (within 10% of bias) <10 sec <10 sec Spectral Noise (1 Hz) 40 g/ Hz 392 (m/sec²)/ Hz [2] Spectral Noise (10 Hz) 10 g/ Hz 98 (m/sec²)/ Hz [2] Spectral Noise (100 Hz) 3 g/ Hz 29.4 (m/sec²)/ Hz [2] Spectral Noise (1 kHz) 1 g/ Hz 9.8 (m/sec²)/ Hz [2] Spectral Noise (10 kHz) 0.5 g/ Hz 4.9 (m/sec²)/ Hz [2] PHYSICAL Sensing Element Ceramic Ceramic Sensing Geometry Shear Shear Housing Material Anodized Aluminum Anodized Aluminum Sealing Epoxy Epoxy Size - Height 0.55 in 14.0 mm Size - Length 0.80 in 20.3 mm Size - Width 0.55 in 14.0 mm Weight 0.26 oz 7.4 gm [2] Electrical Connector 1/4-28 4-Pin 1/4-28 4-Pin Electrical Connection Position Side Side Mounting Thread 10-32 Female 10-32 Female Mounting Torque 10 to 20 in-lb 113 to 225 N-cm

All specifications are at room temperature unless otherwise specified.

Product Notes

[1] Zero-based, least-squares, straight line method. [2] Typical. [3] See PCB Declaration of Conformance PS023 for details.

Accessories:

Supplied 080A109 Petro Wax(1) 080A12 Adhesive Mounting Base(1) 081B05 Mounting Stud (10-32 to 10-32)(1) ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency.(1) M081B05 Mounting Stud 10-32 to M6 X 0.75(1)

Optional Versions:

(A) Adhesive Mount

ENGLISHSI Accessories: 080A90 Quick Bonding Gel(1) 080A109 Petro Wax(1)

(T) TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4

ENGLISHSI Temperature Range (Operating) -65 to +176 ° F -54 to +80 ° C Output Bias Voltage 8.5 to 13.0 VDC

(TLA) TEDS LMS International - Free Format

ENGLISHSI Temperature Range (Operating) -65 to +176 ° F -54 to +80 ° C Output Bias Voltage 8.5 to 13.0 VDC

(TLB) TEDS LMS International - Automotive Format

ENGLISHSI Temperature Range (Operating) -65 to +176 ° F -54 to +80 ° C Output Bias Voltage 8.5 to 13.0 VDC

(TLC) TEDS LMS International - Aeronautical Format

ENGLISHSI Temperature Range (Operating) -65 to +176 ° F -54 to +80 ° C Output Bias Voltage 8.5 to 13.0 VDC

(TLD) TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4

ENGLISHSI Temperature Range (Operating) -65 to +176 -54 to +80 Output Bias Voltage 8.5 to 13.0