

TLD356B18三轴加速度传感器现场演示

产品名称	TLD356B18三轴加速度传感器现场演示
公司名称	上海持承自动化设备有限公司
价格	400.00/个
规格参数	PCB:1000 mV/g TLD356: ± 5 g pk 美国:0.5 to 3000
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产品详情

TLD356B18三轴加速度传感器现场演示

TLD356B18三轴加速度传感器只做正品

Triaxial, high sensitivity, ceramic shear ICP accel., 1000 mV/g, 0.5 to 3k Hz, 4-pin conn., TEDS

Sensitivity: (± 10%) 1000 mV/g (102 mV/(m/s))

Measurement Range: ± 5 g pk (± 49 m/s pk)

Electrical Connector: 1/4-28 4-Pin

English:SI: PERFORMANCE Sensitivity (± 10 %)1000 mV/g102 mV/(m/s) Measurement Range ± 5 g pk ± 49 m/s pk Frequency Range (± 5 %)0.5 to 3000 Hz0.5 to 3000 Hz Frequency Range (± 10 %)0.3 to 5000 Hz0.3 to 5000 Hz Resonant Frequency 20 kHz 20 kHz Broadband Resolution (1 to 10000 Hz)0.00005 g rms0.0005 m/s rms[2] Phase Response (± 5 °) (at 70 ° F [21 ° C])2 to 2000 Hz2 to 2000 Hz Non-Linearity 1 % 1 % [1] Transverse Sensitivity 5 % 5 % ENVIRONMENTAL Overload Limit (Shock) ± 5000 g pk ± 5000 g pk Temperature Range (Operating)-20 to +170 ° F-29 to +77 ° C Temperature Response See Graph %/ ° F See Graph %/ ° F Base Strain Sensitivity 0.0007 g/ 0.007 (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 600 Ohm 600 Ohm Output Bias Voltage 8 to 12 VDC 8 to 12 VDC Discharge Time Constant 0.8 to 3.0 sec 0.8 to 3.0 sec Settling Time (within 10% of bias) <12 sec <12 sec Spectral Noise (1 Hz) 11.4 g/ Hz 112 (m/sec²)/ Hz [2] Spectral Noise (10 Hz) 4.0 g/ Hz 39 (m/sec²)/ Hz [2] Spectral Noise (100 Hz) 1.2 g/ Hz 12 (m/sec²)/ Hz [2] Spectral Noise (1 kHz) 0.4 g/ Hz 4.4 (m/sec²)/ Hz [2] PHYSICAL Sensing Element Ceramic Ceramic Sensing Geometry Shear Shear Housing Material Anodized Aluminum Anodized Aluminum Sealing Epoxy Epoxy Size - Height 0.80 in 20.3 mm Size - Length 1.03 in 26.1 mm Size - Width 0.80 in 20.3 mm Weight 0.88 oz 25 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

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 080A68 Adhesive mounting base, 7/8 in hex, 10-32 tapped hole, hardcoated aluminum (1) 081B05 Mounting Stud (10-32 to 10-32) (1) ACS-1 TNIST 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

ENGLISH SI Mounting Thread None - Adhesive Mount Only Accessories: 080A90 Quick Bonding Gel (1)

(J) Ground Isolated

ENGLISH SI Electrical Isolation > 100000000 Ohm Size - Height 0.85 in 21.6 mm Size - Length 1.03 in 26.1 mm Size - Width 0.85 in 21.6 mm

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

ENGLISH SI Output Bias Voltage 8.5 to 13 VDC

(TLA) TEDS LMS International - Free Format

ENGLISH SI Output Bias Voltage 8.5 to 13 VDC

(TLB) TEDS LMS International - Automotive Format

ENGLISH SI Output Bias Voltage 8.5 to 13 VDC

(TLC) TEDS LMS International - Aeronautical Format

ENGLISH SI Output Bias Voltage 8.5 to 13 VDC

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

ENGLISH SI Output Bias Voltage 8.5 to 13