

393B04圆柱形传感器灵敏度

产品名称	393B04圆柱形传感器灵敏度
公司名称	上海持承自动化设备有限公司
价格	302.00/个
规格参数	PCB:1000 mV/g 393B04:102 mV/(m/s) 美国:0.06 to 450
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产品详情

393B04圆柱形传感器灵敏度

Seismic, miniature (50 gm), ceramic flexural ICP accel., 1 V/g, 0.06 to 450 Hz, 10-32 top conn.

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

Broadband Resolution: (1 to 10000 Hz) 0.000003 g rms(0.00003 m/s rms)

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

Frequency Range: (± 5%) 0.06 to 450 Hz

Electrical Connector: 10-32 Coaxial Jack

Weight: 1.8 oz(50 gm)

Product NotesAccessories:Optional Versions:

PERFORMANCE
Sensitivity (± 10 %)1000 mV/g102 mV/(m/s)
Measurement Range ± 5 g pk ± 49 m/s pk
Frequency Range (± 5 %)0.06 to 450 Hz0.06 to 450 Hz
Frequency Range (± 10 %)0.05 to 750 Hz0.05 to 750 Hz
Frequency Range (± 3 dB)0.02 to 1700 Hz0.02 to 1700 Hz
Resonant Frequency 2500 Hz 2500 Hz
Broadband Resolution (1 to 10000 Hz)0.000003 g rms0.00003 m/s rms
[2] Non-Linearity 1 % 1 %
[1] Transverse Sensitivity 5 % 5 %
[3] ENVIRONMENTAL
Overload Limit (Shock) ± 300 g pk ± 2950 m/s pk
Temperature Range-15 to +176 ° F-26 to +80 ° C
Temperature ResponseSee Graph %/ ° FSee Graph %/ ° F
Base Strain Sensitivity 0.0005 g/ 0.005 (m/s)/ [2] ELECTRICAL
Excitation Voltage18 to 30 VDC18 to 30 VDC
Constant Current Excitation2 to 10 mA2 to 10 mA
Output Impedance<500 Ohm<500 Ohm
Output Bias Voltage7 to 12 VDC7 to 12 VDC
Discharge Time Constant5 to 15 sec5 to 15 sec
Settling Time<100 sec<100 sec
Spectral Noise (1 Hz)0.30

g/ Hz2.9 (m/sec2)/ Hz[2] Spectral Noise (10 Hz)0.10 g/ Hz1.0 (m/sec2)/ Hz[2] Spectral Noise (100 Hz)0.04 g/ Hz0.4 (m/sec2)/ Hz[2] Spectral Noise (1 kHz)0.04 g/ Hz0.4 (m/sec2)/ Hz[2] PHYSICALSensing ElementCeramicCeramicSensing GeometryFlexuralFlexuralHousing MaterialTitaniumTitaniumSealingHermeticHermeticSize - Diameter0.99 in25 mmSize - Height1.22 in31 mmWeight1.8 oz50 gm[2] Electrical Connector10-32 Coaxial Jack10-32 Coaxial JackElectrical Connection PositionTopTopMounting Thread10-32 Female10-32 Female

All specifications are at room temperature unless otherwise specified.

[1] Zero-based, least-squares, straight line method.[2] Typical.[3] Transverse sensitivity is typically $\leq 3\%$.[4] See PCB Declaration of Conformance PS023 for details.

Supplied081B05Mounting Stud (10-32 to 10-32)(1)085A41Thermal Boot(1)ACS-1NIST traceable frequency response (10 Hz to upper 5% point).(1)ACS-4Single axis, low frequency phase and amplitude response cal from 0.5 to 10 Hz(1)M081B05Mounting Stud 10-32 to M6 X 0.75(1)

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

ENGLISHHSI Output Bias Voltage7.5 to 13 VDC Excitation Voltage20 to 30 VDC

(TLA) TEDS LMS International - Free Format

ENGLISHHSI Excitation Voltage20 to 30 VDC Output Bias Voltage7.5 to 13 VDC

(TLB) TEDS LMS International - Automotive Format

ENGLISHHSI Excitation Voltage20 to 30 VDC Output Bias Voltage7.5 to 13 VDC

(TLC) TEDS LMS International - Aeronautical Format

ENGLISHHSI Excitation Voltage20 to 30 VDC Output Bias Voltage7.5 to 13 VDC

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

ENGLISHHSI Excitation Voltage20 to 30 VDC Output Bias Voltage7.5 to 13 VDC

(W) Water Resistant Cable

ENGLISHHSI Electrical ConnectorSealed Integral Cable Electrical Connection PositionTop