

M607A11/017AC美国PCB转接头加线缆

产品名称	M607A11/017AC美国PCB转接头加线缆
公司名称	上海持承自动化设备有限公司
价格	36.00/个
规格参数	PCB:100 mV/g M607A: ± 50 g 美国:1500 kcpm
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

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Platinum Stock Products; Low profile industrial ICP accel, 100 mV/g, 0.5 to 10k Hz, side exit, 10-ft integral cable & swiveler base, single point ISO 17025 accredited calibration

US patent number 6.435.902.

Sensitivity: (± 15%) 100 mV/g (10.2 mV/(m/s))

Frequency Range: (± 3dB) 30 to 600000 cpm (0.5 to 10000 Hz)

Sensing Element: Ceramic

Measurement Range: ± 50 g (± 490 m/s)

Weight: 1.1 oz (31 gm)

PERFORMANCE
Sensitivity (± 15 %) 100 mV/g 10.2 mV/(m/s) [1] Measurement Range ± 50 g ± 490 m/s
Frequency Range (± 3 dB) 30 to 600000 cpm 0.5 to 10000 Hz Resonant Frequency 1500 kcpm 25 kHz [3]
Broadband Resolution (1 to 10000 Hz) 350 g 3434 m/sec² [3] Non-Linearity ± 1 % ± 1 % [2] Transverse Sensitivity 7 % 7 %
ENVIRONMENTAL
Overload Limit (Shock) 5000 g pk 49050 m/s pk Temperature Range -65 to +250 ° F -54 to +121 ° C
Temperature Response See Graph %/ ° F See Graph %/ ° F [3] Enclosure Rating IP68 IP68
ELECTRICAL
Settling Time (within 1% of bias) 2 sec 2 sec Discharge Time Constant 0.3 sec 0.3 sec
Excitation Voltage 18 to 28 VDC 18 to 28 VDC Constant Current Excitation 2 to 20 mA 2 to 20 mA
Output Impedance <150 Ohm <150 Ohm Output Bias Voltage 8 to 12 VDC 8 to 12 VDC Spectral Noise (10 Hz) 8 g/ Hz 78.5 (m/sec²)/ Hz [3] Spectral Noise (100 Hz) 5 g/ Hz 49.1 (m/sec²)/ Hz [3] Spectral Noise (1 kHz) 4 g/ Hz 39.2 (m/sec²)/ Hz [3] Electrical Isolation (Case) >100000000 Ohm >100000000 Ohm
PHYSICAL
Size - Hex 9/16 in 14

mmSize - Height0.97 in24.6 mmWeight (without cable)1.1 oz31 gm[7] MountingStudStudMounting Thread1/4-28 Male1/4-28 Male[5] Mounting Torque (Stud)3 to 4 ft-lb4.1 to 5.4 Nm[6][8] Mounting Torque (hex nut)2 to 3 ft-lb2.7 to 4.1 NmSensing ElementCeramicCeramicSensing GeometryShearShearHousing MaterialStainless SteelStainless SteelSealingWelded HermeticWelded HermeticElectrical ConnectorMolded Integral CableMolded Integral CableElectrical Connection PositionSideSideCable Length10 ft3.0 mCable TypePolyurethanePolyurethane[4]

All specifications are at room temperature unless otherwise specified.

Product Notes

[1] Conversion Factor $1g = 9.81 \text{ m/s}$. [2] Zero-based, least-squares, straight line method. [3] Typical. [4] Twisted shielded pair. [5] 1/4-28 has no equivalent in S.I. units. [6] Stud torque must exceed sensor hex nut torque to ensure proper dismantling. [7] Measured with mounting stud. [8] 1/8" hex Allen key required for English version, 3mm hex Allen key required for metric version. [9] See PCB Declaration of Conformance PS023 or PS060 for details.

Accessories:

Supplied080A156Mounting Base(1)ICS-2NIST-traceable single-point amplitude response calibration at 6000 cpm (100 Hz) for each axis(1)

Optional Versions:

(EX) Hazardous Area Approval- contact factory for specific approvals

ENGLISHSI Hazardous Area ApprovalEEx nL IIC T4, $-40^\circ \text{C} \leq T_a \leq 121^\circ \text{C}$, II 1
G Hazardous Area ApprovalCI I, Div I, Groups A, B, C, D; CI II, Div I, Groups E, F, G; CI III, Div I
I Hazardous Area ApprovalCI I, Div 2, Groups A, B, C, D; ExnL IIC T4, AExnA IIC
T4 Hazardous Area ApprovalEx ia IIC T4, AExia IIC, T4 Hazardous Area ApprovalEEx nL IIC
T4, $-40^\circ \text{C} \leq T_a \leq 121^\circ \text{C}$, II 3 G

(M) Metric Mount

ENGLISHSI Accessories:M080A159AAccessory for IMI Sensors Product(1)

(TO) Temperature Output

ENGLISHSI Temperature Output Range $+36$ to $+250^\circ \text{F}$ $+2$ to $+121^\circ \text{C}$ Temperature Scale
Factor $5.56 \text{ mV}/^\circ \text{F} + 32$ $+10 \text{ mV}/^\circ \text{C}$ Electrical Connections (White)Temperature
Output Electrical Connections (Red)Acceleration Output Electrical Connections
(Black)Ground Electrical ConnectorMolded Integral Cable