



型号 352A71, 352A72, 352A73 及 352A74

微型 ICP® 加速度计 带有软质集成电缆

- 微型泪滴形状
- 灵活的集成电缆便于在紧凑的空间中安装
- 激光焊接密封，钛合金外壳
- 三种灵敏度可选：5mV/g, 10mV/g, 100mV/g

典型的应用

- 小零部件振动测试
- 电子和电路板质量鉴定
- 跌落和包装测试
- 短时间的水下测试



型号 352A71 / 352A72

型号 352A73

型号 352A74

图片即传感器实际大小

这三种微型泪滴形 ICP® 加速度计有三种不同的灵敏度可选，灵活的双绞线集成电缆便于安装。传感器出线处采用柔性灌封材料有利于电缆应力消除。所有此型号的加速度计均采用激光焊接密封于钛合金外壳中。其中，352A72 包含电气低通滤波可以抑制高频噪声，减少放大器饱和的几率。

此型号加速度计可以使用任何 ICP® 信号适配仪或内置 18 至 30VDC 和 2 至 20mA 恒流源的数据采集仪器供电。





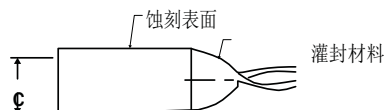
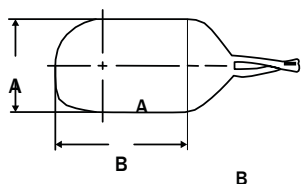
MODELS 352A71, 352A72, 352A73 & 352A74



产品参数

| 型号 | 352A73 | 352A71 | 352A72 | 352A74 |
|---------------|--|------------------|-------------------------|------------------|
| 性能 | | | | |
| 灵敏度 | 5 mV/g | 10 mV/g | 10 mV/g | 100 mV/g |
| 量程 | ±1,000 g pk | ±500 g pk | ±500 g pk | ±50 g pk |
| 频响范围 (±5%) | 2.0 – 10,000 Hz | 0.5 – 10,000 Hz | 0.5 – 4,500 Hz | 1.0 – 8,000 Hz |
| 谐振频率 | ≥70 kHz | ≥65 kHz | ≥65 kHz | ≥30 kHz |
| 电子滤波器 (低通) | 无 | 无 | 有 - 15 kHz corner freq. | 无 |
| 宽带分辨率 (g rms) | 0.002 | 0.003 | 0.003 | 0.0002 |
| 环境 | | | | |
| 过载极限 | ±10,000 g pk | ±10,000 g pk | ±10,000 g pk | ±5,000 g pk |
| 温度范围 (工作) | -65 to +250 °F | -65 to +200 °F | -65 to +200 °F | -65 to +200 °F |
| | -54 to +121 °C | -54 to +93 °C | -54 to +93 °C | -54 to +93 °C |
| 电气 | | | | |
| 激励电压 | 18-30 VDC | 18-30 VDC | 18-30 VDC | 18-30 VDC |
| 恒流激励 | 2-20 mA | 2-20 mA | 2-20 mA | 2-20 mA |
| 外观 | | | | |
| 壳体材料 | 钛合金 | 钛合金 | 钛合金 | 钛合金 |
| 重量 | 0.01 oz | 0.023 oz | 0.023 oz | 0.04 oz |
| | 0.3 克 | 0.64 克 | 0.64 克 | 1.22 克 |
| 长度 A (见下图) | 0.16 in [4.1 mm] | 0.25 in [6.4 mm] | 0.25 in [6.4 mm] | 0.28 in [7.1 mm] |
| 长度 B (见下图) | 0.27 in [6.8 mm] | 0.33 in [8.4 mm] | 0.33 in [8.4 mm] | 0.39 in [9.9 mm] |
| 长度 C (见下图) | 0.11 in [2.8 mm] | 0.14 in [3.6 mm] | 0.14 in [3.6 mm] | 0.19 in [4.8 mm] |
| 提供附件 | | | | |
| 拆卸工具 | 039A26 | 039A32 | 039A32 | 039A35 |
| 石蜡 | 080A109 | | | |
| 可选择附件 | | | | |
| BNC 接头适配器 | 070A02 | | | |
| 快粘胶 | 080A90 | | | |
| 延长电缆 | 002PHxxxAC (10-32 jack to BNC plug terminations) | | | |
| 信号适调仪 | 482C05 (4 channels, bench top, line powered) | | | |
| | 482C16 (4 channels, bench top, line powered, front panel keypad/display, gain) | | | |
| | 483C05 (8 channels, rack mount, line powered) | | | |
| | 483C50 (8 channels, rack mount, line powered, computer control, gain) | | | |

外形图



北京: 北京市东城区东中街 9 号东环广场写字楼 A 座 4N | 010-8447 7840

上海: 上海市徐汇区肇嘉浜路 789 号均瑶国际广场 23FC3 | 021-6374 1517

深圳: 深圳市南山区科园南路 1002 号 A8 音乐大厦 1563 室 | 0755-2876 5909

成都: 028-8582 6229 西安: 029-8956 7618 E-mail: pcbchina@pcb.com

VISIT US AT WWW.PCB.COM

PCB PIEZOTRONICS, INC. is a designer, manufacturer, and global supplier of accelerometers, microphones, force, torque, load, strain, and pressure sensors, as well as the pioneer of ICP® technology. This instrumentation is used for test, measurement, monitoring, and control requirements in automotive, aerospace, industrial, R&D, military, educational, commercial, OEM applications, and more. Our Platinum Stock Sensors program ensures fast shipment of over 10,000 sensors that are covered by a Lifetime Warranty. With a support team of Customer Service Representatives and Application Engineers, PCB® proudly stands behind their products with the services you value most, including 24-hour technical support, a global distribution network, and

THE INDUSTRY'S ONLY COMMITMENT TO TOTAL CUSTOMER SATISFACTION.