

CE Mark Information for the PIO-96

Keithley MetraByte certifies that this product has been tested and found to be in compliance with the EMC directive and relevant harmonized standards.

This document describes the limitation of certification, the declaration of conformity, and the cabling instructions required for the CE Mark configuration.

Limitation of Certification

This certification applies only to the operation of the product (with specified cables and accessories) in the stated configuration and under the stated operational and environmental specifications. Any modification, misuse, or improper or inadequate maintenance of the product by the user voids this certification.

Any deviation from the specific configuration may cause emissions or susceptibility not within the allowed limits required by the stated directive. It is the user's responsibility to demonstrate and maintain compliance with the directive and standards.

Please read the next section, "Declaration of Conformity," for the specific testing configuration for this product. Consult the Keithley Instruments GMBH office (European importer) or Technical Support in Taunton, MA, USA, for further information regarding the exact configuration details and testing.

Declaration of Conformity

Application of Council Directive(s) 89/336/EEC
Standard(s) to which Conformity is Declared EN50081-1, EN50082-1
Manufacturer's Name Keithley MetraByte
Importer's Name Keithley Instruments GMBH
Importer's Address Landsberger Str.65 D-82110 Germering, Munich
Type of Equipment Data Acquisition Plug-in Boards
Model Numbers PIO-96/CE with STA-50, CACC-2000, and JACKET shield
Year of Manufacture 1995

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Place: Taunton, MA USA



(Signature)

Date: 01 January 1996

Mark Urban
(Name)
Quality Assurance Manager
(Position)

Cabling Instructions for the CE Mark Configuration

The PIO-96/CE has four connectors, each of which can be connected to an STA-50 through the CACC-2000 cable, as shown in Figure 1.

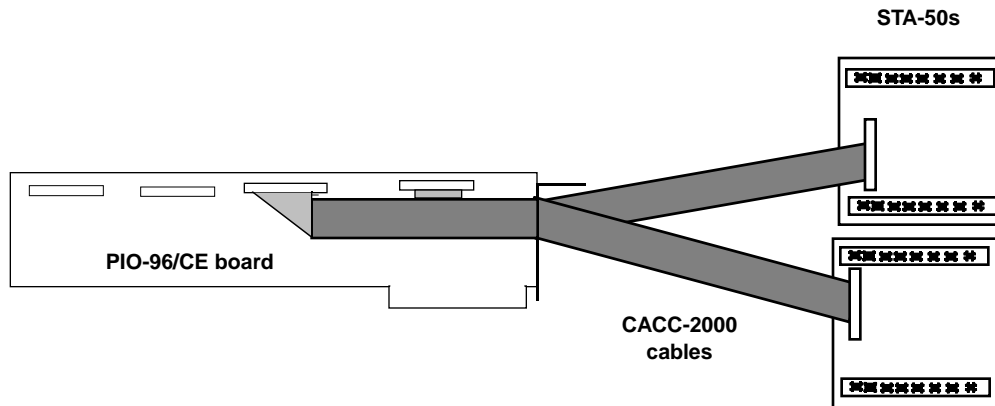
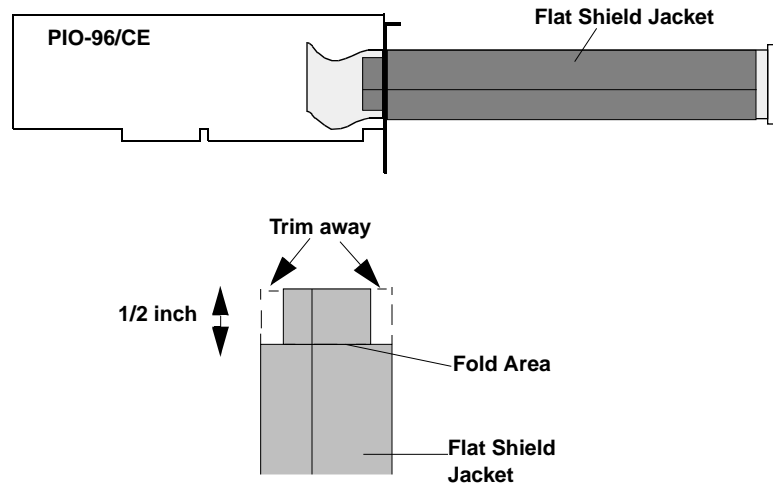


Figure 1. Connecting a PIO-96/CE Board to STA-50s

For CE Mark compliance, you must shield the CACC-2000 cables. The procedure for connecting STA-50s to the PIO-96 and shielding the cables is as follows:

1. Before installing the PIO-96/CE board in the computer, remove the two clamp-adjusting screws and the clamp from the board's mounting plate.
2. Feed a CACC-2000 cable through the hole in the mounting plate and plug the cable connector into the I/O connector nearest the mounting plate.
3. If you are using more than one cable, feed the next CACC-2000 cable through the hole in the mounting plate, and plug the cable connector into the next available I/O connector.
4. Repeat step 3 until all cables are in place on the board.
5. Wrap all of the cables together with the desired length of the flat shield jacket, following the instructions in Figure 2.

(a.) Wrap all of the cables together so that at least one-half inch of shield extends through mounting plate, then use scissors to trim the shielded jacket, as shown.



(b.) Fold shield back about one-half inch through mounting plate to expose metallic shield to clamping area, as shown.

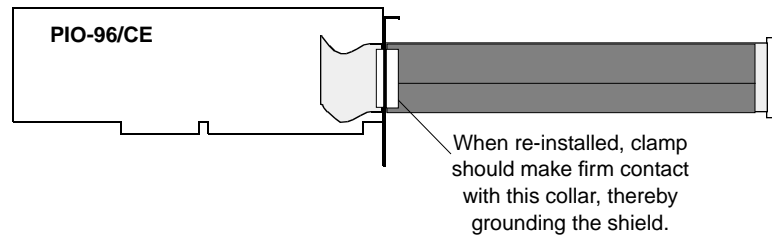


Figure 2. Installing and Clamping a Flat Shield Jacket

6. Re-install the clamp and clamp-adjusting screws so that the clamp holds the cables firmly in place.
7. Connect the free end of each of the CACC-2000 cables to the connectors on the appropriate STA-50s.