

# Declaration of Conformity

According to ISO/IEC Guide 22 and EN 45014 Part No. 446-0740-32B Rev 12-97

**Manufacturer's Name:** IOtech, Inc.  
**Manufacturer's Address:** 25971 Cannon Road  
Cleveland, Ohio 44146  
USA


## Declares that the product:

**Product Name:** TempTC/32B  
**Description:** Thermocouple Scanning Card

## Conforms (under conditions on reverse side) to the following standards:

**Safety:** EN61010-1 1993  
**EMC:** CISPR22:1985  
EN55022:1988 class A  
IEC 801-2:1984/prEN50082-1:1992±8kV AD, criterion A  
IEC 801-3:1984/prEN50082-1:1992-10V/m, criterion A  
IEC 801-4:1988/prEN50082-1:1992±0.5kV signal ±1kV  
line, criterion A

**Place:** Cleveland, Ohio USA  
**Date:** 12/1997

**Signature:**   
**Full Name:** Paul Wittibschlager  
**Position:** Director of Hardware Engineering

**European Contact:** \_\_\_\_\_  
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## CE Compliant Operating Conditions

**Product Name:** TempTC/32B  
**Description:** Thermocouple Scanning Card

To maintain the safety, emission, and immunity standards of this declaration, the following conditions must be met.

- \* Digital I/O cable must be braid-type and terminated at the connector hood. Connectors must be metal-shelled with a metal or metalized hood. All cable screw locks must be tightened at both ends of the cable.
- \* The host computer must be properly grounded.
- \* Some inaccuracy is to be expected when I/O leads are exposed to RF fields or transients.



The operator must observe all safety cautions and operating conditions specified in the documentation for all hardware used.



The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.



All power must be off to the TempTC/32B and externally connected equipment before internal access to the TempTC/32B is permitted.



To maintain safety compliance, the following limits apply:  
Channel-to-channel isolation: ±10 V, ±10 V<sub>peak</sub>  
Channel-to-system isolation: ±60 V, ±30 V<sub>peak</sub>  
Signal low to signal high: ±100 mV<sub>peak</sub>



**WARNING.** Noted conditions pertain to potential safety hazards. When you see this symbol on the product or in the documentation, carefully read the related information and be alert to the possibility of personal injury.