

# Declaration of Conformity

According to ISO/IEC Guide 22 and EN 45014 Part #: 100-0740 Rev 04-06

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


**Declares that the product:**

**Product Name:** ADC488/16A  
**Description:** IEEE 488 A/D Converter

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

- Safety:** EN 61010-1 1993
- EMC:** CISPR22:1985  
EN 55022: 1988 class A  
IEC 801-2: 1984/prEN50082-1:1992±8kV CD, ±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:** 1/1997

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

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

**Product Name:** ADC488/16A  
**Description:** IEEE 488 A/D Converter

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

- \* Analog input and IEEE cables must have a braided shield connected circumferentially to their connectors' metal shells. The digital I/O cable must be shielded with the shielding connected to the chassis ground terminal.
- \* 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 ADC488/16A and externally connected equipment before internal access to the ADC488/16A is permitted.



Not for use with signal levels exceeding ±13 V<sub>peak</sub> to signal common. Overvoltage Category I for signal inputs. Overvoltage Category II for AC main.

Signal input to system:

Overvoltage I Pollution degree I: 10 WV for analog inputs, 5 WV for digital I/O

WV (Working Voltage) is V<sub>rms</sub> or VDC below 2000 m altitude

Isolation: 125 V (V<sub>rms</sub> or VDC) maximum isolation analog common to earth.



Protective conductor terminal on AC line connector must be connected to an external protective earthing system.



**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.