

# Declaration of Conformity

Part #: 1080-0740 Rev 07-09


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

**Declares that the product:**  
**Product Name:** DBK80  
**Description:** Differential voltage input card

*Conforms to the following standards:*


|                           |   |
|---------------------------|---|
| <b>Safety</b>             | Low-Voltage Directive 2006/95/EC, EN 61010-1; 2001                                      |
| <b>EMC</b>                | EMC Directive 2004/108/EC as defined by Standard:<br>EN 61326-1:2006 (IEC 61326-1:2005) |
| <b>CISPR 22:1993</b>      | Radio Disturbance   |
| <b>EN 55022:1998</b>      | Conducted and Radiated Emissions  |
| <b>EN 50082-2:1995</b>    | IEC 1000-4: Electrostatic Discharge Immunity  |
| <b>IEC 61000-4-3:2002</b> | Radiated Electromagnetic Field Immunity   |
| <b>IEC 61000-4-4:2004</b> | Electric Fast Transient Burst Immunity  |
| <b>IEC 61000-4-5:2001</b> | Surge Immunity  |



**EMC Testing:** Chomerics Test Services, Woburn, Mass. 01801, U.S.A.  
**Date:** February 24, 2009  
**Test Report #:** EMI5269.09  
**Date Issued:** July 17, 2009  
IOtech  
25971 Cannon Road  
Cleveland, OH. 44146 U.S.A .

**Signature:**   
**Full Name:** Carl Haapaoja  
**Position:** Director of Quality Assurance

## CE Compliant Operating Conditions

**Product Name:** DBK80  
**Description:** Differential voltage input card


**WARNINGS and CAUTIONS.** When you see any of these symbols on the product or in the documentation, carefully read the related information and be alert to the possibility of personal injury and/or equipment damage.


  



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

- \* The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.
- \* Shielded wires must be used for all I/O's.
- \* The host computer must be properly grounded.
- \* The DBK80 must be installed in a DBK41 Expansion chassis, and the CE kit for the DBK41 must be properly installed.
- \* The shields must be connected to the chassis ground of the DBK41 by the screws and star washers of the DBK41 CE kit. The length of the shield connection should be as short as possible.

**Note** Data acquisition equipment may exhibit noise or increased offsets when exposed to high RF fields (>1V/m) or transients.

 The user must observe all safety cautions and operating conditions as specified in the *Daqbook User's Manual*.

 Power must be off and disconnected from the DBK80 and all external connected equipment before accessing the DBK80.

 DBK80 is not for use with signal levels exceeding  $\pm 10$  V<sub>peak</sub> to earth ground.

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