

# Declaration of Conformity

Part #: 405-0740 Rev 07-09

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

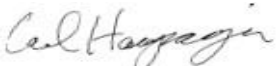
*Declares that the product:*

**Product Name:** DBK8  
**Description:** 8-Channel High-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: 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 50082-1:1994</b>	IEC 801-2:1991 – 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 16, 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:** DBK8  
**Description:** 8-Channel High-Voltage Input Card

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

- \* The DBK8 card must be placed in a CE DBK41, 10-Slot Analog Expansion Module.
  - \* Shielded wires must be used for all I/Os.
  - \* The host computer must be properly grounded.
- Note** Data acquisition equipment may exhibit noise or increased offsets when exposed to high RF fields (>1V/m) 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.
  -  The shields must be connected to the chassis ground of the DBK41 by screws and star washers. The length of the shield connection must be as short as possible.
  -  Use of solid I/O wire is recommended. If stranded wire is used, strip insulation to 6 mm and twist or tin ends before insertion; after insertion and tightening, inspect for loose strands.
  -  All power must be off to the DBK8 and externally connected equipment before access to the DBK8 is permitted.
  -  Protective shield (IOtech kit #232-0806) must be used with every DBK8 card.
  -  Lethal voltages may be present, do not operate device with cover removed. Remove power from all attached circuits before removing protective cover.
  -  Maximum Input Voltage:  $\pm 100$  VDC. For double insulation, pollution degree 1, overvoltage category 2.

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