

# Declaration of Conformity

Part #: 404-0740 Rev 07-09


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

*Declares that the product:*  
**Product Name:** DBK7  
**Description:** 4-Channel Frequency-to-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:** DBK7  
**Description:** 4-Channel Frequency-to-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 the safety, emission, and immunity standards of this declaration, the following conditions must be met.

- \* The DBK7 card must be placed in a CE DBK41, 10-Slot Analog Expansion Module.
- \* In the presence of 3 V/m RF fields:
  - 500 mVpp signals are required to maintain 0.1% accuracy.
  - Metal shells of the BNC connectors must be directly connected to the chassis ground in order to maintain 100 mV sensitivity and 0.1% accuracy.
- \* The host computer must be properly grounded.



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 DBK7 and externally connected equipment before internal access to the DBK7 is permitted.



Not for use with signal levels exceeding  $\pm 30$  Vrms (84 Vp-p). Maximum digital input voltage:  $\pm 15$  Vpeak to earth ground.

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