

Declaration of Conformity

Part #: 413-0740 Rev 07-09


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

Declares that the product:
Product Name: DBK5
Description: 4-Channel, 4-20 mA Current Output Card

Conforms to the following standards:


Safety	Low-Voltage Directive 2006/95/EC, EN 61010-1; 2001
EMC	EMC Directive 2004/108/EC as defined by Standard: EN 61326-1:2006 (IEC 61326-1:2005)
CISPR 22:1993	Radio Disturbance
EN 55022:1998	Conducted and Radiated Emissions
EN 50082-1:1994	IEC 801-2:1991 – Electrostatic Discharge Immunity
IEC 61000-4-3:2002	Radiated Electromagnetic Field Immunity
IEC 61000-4-4:2004	Electric Fast Transient Burst Immunity
IEC 61000-4-5:2001	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 Haapaja
Position: Director of Quality Assurance

CE Compliant Operating Conditions

Product Name: DBK5
Description: 4-Channel, 4-20 mA Current Output 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 emission, safety, and immunity standards of this declaration, the following conditions must be met.

- * Shielded wires must be used for all outputs.
- * 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.
- * 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 DBK5 card must be placed in a CE DBK41, 10-Slot Analog Expansion Module.



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 DBK5 and externally connected equipment before access to the DBK5 is permitted.



Protective shield (IOtech kit #232-0806) must be used with every DBK5 card.



Lethal voltages may be present, do not operate device with cover removed. Remove power from all attached circuits before removing protective cover.



Maximum channel-to-channel and channel-to-chassis isolation is 120 V_{peak}. Maximum Output Current: 4-20 mA. For double insulation, pollution degree 1, overvoltage category 2.

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