Declaration of Conformity

Part #: 1083-0742 Rev 07-09

Manufacturer's Name: **IOtech**
Manufacturer's Address: **25971 Cannon Road**
Cleveland, Ohio 44146 U.S.A.

Declares that the product:

Product Name: **DBK84 and DBK90**

Description: **Thermocouple Modules**

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
IEC 61000-4-2	Electrostatic Discharge Immunity
IEC 61000-4-3:2002	Radiated Electromagnetic Field Immunity
IEC 61000-4-4:2004	Electric Fast Transient Burst Immunity
IEC 61000-4-6:1996	Conducted Disturbance Immunity
IEC 61000-4-11:1994	Voltage Dips, Interruption 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: **DBK84 and DBK90**
Description: **Thermocouple Modules**

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 host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.
* Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326-1:2006 (IEC 61326-1:2005)
* The host computer must be properly grounded.
* A 37-pin shielded cable (IOtech part # CA-255-xT, CA-143-7 or CA-143-18) must be used to connect the DBK84 or DBK90 to a CE compliant device, e.g., DaqBook or DaqBoard.
* All cable screw locks must be tightened at both ends of the cable.
* Thermocouple connectors should be wired such that insulation covers the TC wire all the way up to the fastening screw. This will prevent ESD from reaching the thermocouple input. Thermocouple wires should not exceed 3 meters (9.75 feet).

The user must observe all Warnings, Cautions, and operating conditions as specified in the associated user documentation.

Power must be off and disconnected from the DBK84, DBK90 and all externally connected equipment before accessing the module.

DBK84 and DBK90 modules are not for use with signal levels exceeding ±10 Vpeak to earth ground.

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

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