

Declaration of Conformity

Part #: 1112-0740 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: DBK85
Description: 16-Channel Differential Voltage Input Module

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 61000-4-2:1995	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: DBK85

Description: 16-Channel Differential Voltage Input Module



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.
- * Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326-1:2006 (IEC 61326-1:2005)
- * Shielded wires must be used for all I/Os and be less than 3 meters (9.75 feet) in length.
- * The host computer must be properly grounded.
- * A PVC dust cap (IOtech part # CN-96) must be placed on each unused BNC.
- * The DBK85 must be connected to the acquisition device via a CA-255-xT cable.
- * DBK85 is not for use with signal levels exceeding ± 10 V_{peak} to earth ground.



The user must observe all safety cautions and operating conditions as specified in the documentation for all hardware used.

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

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