

Declaration of Conformity

Part #: 468-0740 Rev 07-09

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


Declares that the product:

Product Name: DBK51
Description: Isolated Low-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
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: Chometrics 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: DBK51
Description: Isolated Low-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 the safety, emission, and immunity standards of this declaration, the following conditions must be met.

- * P1 cables must have a braided shield connected circumferentially to their connectors' metal shells.
- * All cable screw locks must be tightened at both ends of the cable.
- * 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.



Use of solid I/O wire is recommended for terminal connections. 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 DBK51 and externally connected equipment before internal access to the DBK51 is permitted.



All measurement signals present at the input connectors must be zero before inserting or removing any of the signal input connectors or before changing wires at input connectors.



Installation Category 1 for signal inputs
Signal input to system: Overvoltage I Pollution degree I: 500 WV
Channel to Channel: Overvoltage I Pollution degree I: 600 WV
WV (Working Voltage) is Vrms or VDC below 2000 m altitude



Replacement fuse is a 3A slow-blow (Littelfuse #313003).

325276A-01

