Declaration of Conformity

Part #: 476-0740 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: **WBK15**
Description: **8-Channel 5B Signal-Conditioning 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)
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 #: EMI5268.09
Date Issued: February 27, 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: **WBK15**
Description: **8-Channel 5B Signal-Conditioning 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.

* PVC dust caps (IOtech # CN-96) must be placed on the 2 BNC connectors when not in use.
* Input terminal connections are to be made with shielded wire. The shield is connected to the chassis grounds provided between the terminal blocks with the hardware provided.
* When a PVC dust cap is removed from the BNC connector (EXPANSION IN and OUT), the WBK15 must be connected to the WaveBook or other WBK modules by coaxial cable with insulated end connectors and O-rings (IOtech part # CA-148-27cm).
* 15-pin interface cable must be shielded, braid-type with metal-shelled connectors.
* Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326:2006, or IEC 61326:2005.

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, 5B modules, and expansion hardware must be CE compliant.

All power must be off to the WBK15 and externally connected equipment before internal access to the WBK15 is permitted.

Isolation voltage ratings: Signal input to system: Pollution degree1, overvoltage I 750 WV; Pollution degree II, overvoltage II 450 WV; Channel-to-channel: Pollution degree1, overvoltage I 1000 WV; Pollution degree II, overvoltage II 600 WV; Signal input pin-to-pin overvoltage: Pollution degree II; overvoltage II 250 WV; Power input to system: ±30 Vpeak The WV (Working Voltage) is Vrms or VDC below 2000 m altitude

Terminal blocks to be IOtech part # CN-104, and all wire insulation to be rated for the isolation voltage in use.

The current on the POWER IN and POWER OUT 5-pin DIN connectors must not exceed 5A.

Terminal blocks should not be disconnected during operation; hazardous voltages may be present. Voltages above 30 Vrms or ±60 VDC must not be applied if any condensation has formed on the WBK15.

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

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