



# Certificate of Compliance

Certificate: 1743228

Master Contract: 162767

Project: 2024751

Date Issued: 2008/05/08

Issued to: KROHNE, Inc.

7 Dearborn Rd  
Peabody, MA 01960  
USA  
Attention: Mr. Rick Loiselle

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



Issued by: Sam Zaffino, C.E.T.

Authorized by: Nick Alfano, Operations Manager

## PRODUCTS

**CLASS 2252 83** - PROCESS CONTROL EQUIPMENT - Certified to US Standards  
**CLASS 2252 03** - PROCESS CONTROL EQUIPMENT

Model IFC 300 conduit connected, Enclosure Type 4X and 6, Rated Input 100-230Vac, 22VA, 50-60Hz or 12-24Vdc, 12W or 24Vac, 50-60Hz, 22VA or 24Vdc, 12W; passive and active outputs all SELV, -40 to 65 Deg C Ambient, Installation Category II, Pollution Degree 4. Enclosure Type 6P/IP68 for OPTIFLUX 1000, 2000, 4000, 5000 and 6000 Primary Heads.

Family Name

Model

OPTIFLUX

IFC 300 F (remote Aluminum / SS converter with console arm box when

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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connected by electrode and coil cables to remote sensor OPTIFLUX x000)

IFC 300 W (remote Plastic Wall-mount converter when connected to remote sensor OPTIFLUX x000)

OPTIFLUX	1000 F (remote sensor with connection box mounted on top)
OPTIFLUX	2000 F (remote sensor with connection box mounted on top)
OPTIFLUX	2000 KC (remote sensor with connection box mounted on top)
OPTIFLUX	4000 F (remote sensor with connection box mounted on top)
OPTIFLUX	5000 F (remote sensor with connection box mounted on top)
OPTIFLUX	6000 F (remote sensor with connection box mounted on top)
OPTIFLUX	1300 C (compact IFC 300 converter mounted directly to OPTIFLUX 1000 F)
OPTIFLUX	2300 C (compact IFC 300 converter mounted directly to OPTIFLUX 2000 F)
OPTIFLUX	4300 C (compact IFC 300 converter mounted directly to OPTIFLUX 4000 F)
OPTIFLUX	5300 C (compact IFC 300 converter mounted directly to OPTIFLUX 5000 F)
OPTIFLUX	6300 C (compact IFC 300 converter mounted directly to OPTIFLUX 6000 F)
OPTIFLUX	KC 2000 F (remote sensor with connection box mounted on top)
ECOFLUX	IFS 1000 F (remote sensor with conn box mounted on top)
ALTOFLUX	IFS 2000 F (remote sensor with conn box mounted on top)
ALTOFLUX	IFS 4000 F (remote sensor with conn box mounted on top)
PROFIFLUX	IFS 5000 F (remote sensor with conn box mounted on top)
VARIFLUX	IFS 6000 F (remote sensor with conn box mounted on top)
ENVIROMAG	ENVIROMAG 2000 F CSA (remote sensor with conn box mounted on top)
ENVIROMAG	ENVIROMAG IFS 4000 KC , IFS 4000 KC, IFM 4000 KC (remote sensor with conn box on top)
ENVIROMAG	ENVIROMAG 2300 C CSA (compact IFC 300 C converter mounted to Enviromag 2000 F)
ENVIROMAG	ENVIROMAG 2300F CSA (Remote IFC300 connected to ENVIROMAG 2000F)



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ENVIROMAG ENVIROMAG 2300W CSA (Remote IFC300W connected to ENVIROMAG 2000F)

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements.

CAN/CSA C22.2 No. 1010.1B 97 - Amendment 2 to CAN/CSA C22.2 No. 1010.1 92, "Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements"

ANSI/ISA S82.02.01 1999 - Safety Standards for Electrical and Electronic Test, Measuring, Controlling and Related Equipment - General Requirements



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
2024751	2008/05/08	Update to Report 1743228 to cover alternate construction
1952565	2007/09/06	Update to Report 1743228 to cover alternate construction
1868271	2007/01/08	Update to Report 1743228 to Complete Evaluation to ISA S82.01
1813739	2006/07/18	Update to CSA report 1743228 to cover additional model names (typo). Legacy no. 105802
1743228	2006/06/02	CSA Certification of Model IFC 300 to C22.2 No. 1010.1-92 Legacy File 105802