



# Certificate of Compliance

Certificate: 1637333

Master Contract: 162767

Project: 1868279

Date Issued: 2007/01/08

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 010 conduit connected, Enclosure Type 4X and Type 6P/IP68 for IFSx000 (x = 1 to 6) remote SS connection box, Rated Input 115/230Vac, 5VA, 48-63Hz or 24Vdc, 4.5W; passive and active outputs all SELV, -25 to 60 Deg C Ambient, Installation Category II, Pollution Degree 4.

Family Name Model

OPTIFLUX OPTIFLUX IFC 010 C (C = compact / integral)

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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OPTIFLUX	OPTIFLUX IFC 010 W (W = wall / remote connection)
OPTIFLUX	OPTIFLUX 1010 F or C (IFC 010 mounted directly to OPTIFLUX 1000 F)
OPTIFLUX	OPTIFLUX 1000 F
OPTIFLUX	OPTIFLUX 2010 F or C (IFC 010 mounted directly to OPTIFLUX 2000 F)
OPTIFLUX	OPTIFLUX 2000 F
OPTIFLUX	2000 KC (IFS 4000 KC), OPTIFLUX KC 2000, ENVIROMAG IFS 4000 KC, ENVIROMAG 2000 F CSA, IFM 4000 KC, IFM 4010 KC F, IFM 4010 KC K, ENVIROMAG 2010C CSA, ENVIROMAG 2010W CSA
OPTIFLUX	2010 KC F
OPTIFLUX	KC 2000 F (IFS 4000 KC)
OPTIFLUX	KC 2010 F or C
OPTIFLUX	OPTIFLUX 4010 F or C (IFC 010 mounted directly to OPTIFLUX 4000 F)
OPTIFLUX	OPTIFLUX 4000 F
OPTIFLUX	OPTIFLUX 5010 F or C (IFC 010 mounted directly to OPTIFLUX 5000 F)
OPTIFLUX	OPTIFLUX 5000 F
OPTIFLUX	OPTIFLUX 6010 F or C (IFC 010 mounted directly to OPTIFLUX 6000 F)
OPTIFLUX	OPTIFLUX 6000 F
OPTIFLUX	OPTIFLUX 7010 F or C (IFC 010 mounted directly to OPTIFLUX 7000 F)
OPTIFLUX	OPTIFLUX 7000 F
	IFC 010 K (K = compact / integral)
	IFC 010 F (F = field / remote connection)
Aquaflux	Aquaflux 010 K
Aquaflux	Aquaflux 010 F
Ecoflux	IFM 1010 K (IFC 010 mounted directly to IFS 1000 F)
Ecoflux	IFS 1000 F



CSA INTERNATIONAL

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Alttoflux	IFS 2000F
Alttoflux	IFM 2010 F
Alttoflux	IFM 4010 K (IFC 010 mounted directly to IFS 4000 F)
Alttoflux	IFS 4000 F
Enviromag	IFS 4000 KC
Profiflux	IFM 5010 K (IFC 010 mounted directly to IFS 5000 F)
Profiflux	IFS 5000 F
Variflux	IFM 6010 K (IFC 010 mounted directly to IFS 6000 F)
Variflux	IFS 6000 F

**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>
1868279	2007/01/08	Update to Report 1637333 to Complete Evaluation to ISA S82.01
1815632	2006/07/18	Update to CSA report 1637333 to cover alternate model names and Enclosure ratings
1785655	2006/04/25	Update to CSA report 1637333 to cover alternate model names and Enclosure ratings
1724255	2005/10/19	Update to report 1637333 to cover additional similar models.
1637333	2005/04/29	Certification of New Model to C22.2 No. 1010.1

### History

1637333	April 29, 2005	Original Certification
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