



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

IFC 100 W, VN31abcdefghijklmnop. Signal Converter.

NI/I/2/ABCD/T6 -40 °C ≤ Ta ≤ +65 °C - 8.30753.10; NIFW; Type 4X/6

NI/I/2/ABCD/T6 -40 °C ≤ Ta ≤ +65 °C; Type 4X/6

Reference Control Drawing No. 8.30753.10 for Nonincendive Field Wiring Parameters

- a = Version: 0 or 4
- b = Type: 4, 6 or N
- c = Power Supply: 4 or A
- d = Approval: 5 or C
- e = Cable Connection: 4 or 6
- f = Instruction/Program Language: Not Safety Relevant
- g = Custody Transfer: 0
- h = Process Diagnostics: 0
- i = Converter Housing: 1
- j = Private Label: 0 or 1
- k = Communication: 1
- l = First IO Module: 0
- m = Second IO Module: 0
- n = Reference Method: 0
- o = Tagplate: Not Safety Relevant
- p = Manual: 1, 2, 3, 4, 8, A, B, C, D, P, R, S or T

Special Conditions of Use:

1. *IFC 100 W Signal Converter must be used with the OPTIFLUX Primary Head.*
2. *Non-flammable processes only when used with the IFC 100 W Signal Converters.*

To assure that this Approval is still valid, please refer to www.approvalguide.com



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OPTIFLUX a100 C. Flowmeter.

NI/I/2/ABCD/T6 -40 °C ≤ Ta ≤ +65 °C - 8.30753.10; NIFW; Type 4X/6

NI/I/2/ABCD/T6 -40 °C ≤ Ta ≤ +65 °C; Type 4X/6

Reference Control Drawing No. 8.30753.10 for Nonincendive Field Wiring Parameters

a = Type: 2 or 4

Special Conditions of Use:

1. *The OPTIFLUX a100 Series Flowmeter is the integration of model OPTIFLUX a000-DIV2 (a = 2 or 4) Primary Head and model IFC 100 W VN310bcdefghijklmnop / VN314bcdefghijklmnop Signal Converter.*
2. *Non-flammable processes only when used with the IFC 100 W Signal Converters.*

Equipment Ratings:

Nonincendive Field Wiring Apparatus for use in Class I, Division 2, Groups A, B, C & D, in accordance with manufacturer's Control Drawing; Suitable Apparatus for use in Class I, Division 2, Groups A, B, C & D hazardous locations, Type 4X/6

FM Approved for:

Krohne Altometer
the Netherlands

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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

CAN/CSA C22.2 No. 0	2006
CAN/CSA C22.2 No. 94	1976
CAN/CSA C22.2 No. 157	2006
CAN/CSA C22.2 No. 213	2008
CAN/CSA C22.2 No. 60529	2005
CAN/CSA C22.2 No. 61010-1	2009

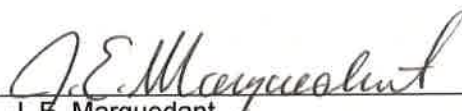
Original Project ID: 3042333

Approval Granted: October 21, 2013

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
140403	April 14, 2014		

FM Approvals LLC



J. E. Marquedant
Group Manager, Electrical

14 April 2014

Date

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