

FM Approvals  
1151 Boston Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

***H250a/b/c/M40d/e/f/g/h/i. Variable Area Flowmeter.***

XP / I / 1 / ABCD / T6 Ta = -40°C to +65°C; Type 4X, 6

DIP / II,III / 1 / EFG / T6 Ta = -40°C to +65°C; Type 4X, 6

I / 1 / Ex d / IIC / T6 Ta = -40°C to +65°C; Type 4X, 6

a = Type of measuring part: H, U or blank.

b = Material of the process accessed parts / versions: RR, C, HC or F.

c = heating jacket, without heating jacket: B or blank.

d = Version measuring unit: M40, M40S, M40R or M40T.

e = High temperature version: HT or blank.

f = electronic signal output: ESK or blank.

g = limit switches: K1, K2, R1, R2 or blank.

h = version: Ex.

i = SIL- version: SE, SK or blank.

### Equipment Ratings:

Explosionproof for Class I, Division 1, Groups A, B, C and D; Dust-ignitionproof for Class II, III, Division 1, Groups E, F, & G; and Flameproof for Class I, Zone 1 Ex d IIC hazardous locations, indoors and outdoors Type 4X, 6. Temperature Classification T6 Ta = -40°C to +65°C

### FM Approved for:

Krohne Messtechnik GmbH  
Ludwig Krohne Strasse 5  
D-47058 Duisburg, Germany



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

CSA-C22.2 No. 0.4	2009
CSA-C22.2 No. 0.5	2008
CSA-C22.2 No. 25	2009
CSA-C22.2 No. 30	2007
CSA-C22.2 No. 1010.1	2009
CAN/CSA E60079-0	2007
CAN/CSA E60079-1	2007
CSA-C22.2 No.94	2011

Original Project ID: 3045602

Canadian Project ID: 3045602C

Approval Granted: December 20, 2012

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

J. E. Marquedant  
Group Manager

20 December 2012

Date