



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

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

21 / AEx tb / IIIC / T85°C Ta = -40°C to +65°C

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; Flameproof for Class I, Zone 1, AEx d IIC; Dust-ignitionproof for Zone 21, AEx tb IIIC T85°C hazardous (Classified) 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



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

Class 3600	2011
Class 3615	2006
Class 3616	2011
Class 3810	2005
ANSI/ISA / NEMA 250	2003
ANSI / ISA 60079-0	2009
ANSI / ISA 60079-1	2009
ANSI / ISA 60079-31	2009

Original Project ID: 3045602

Approval Granted: December 20, 2012

Subsequent Revision Reports / Date Approval Amended

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130110	January 17, 2013		
130124	February 13, 2013		

FM Approvals LLC

  
 Andrew Lozinski  
 Technical Team Manager

  
 Date