

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***Ha/b/c. Variable Area Flow Meter.***

XP/II/1/ABCD/T6 Ta = 60°C; Type 4X/6

XP/II/1/IIC/T6 Ta = 60°C; Type 4X/6

NI/II/2/ABCD/T6 Ta = 60°C; Type 4X/6

NI/II/2/IIC/T6 Ta = 60°C; Type 4X/6

DIP/II,III/1/EFG/T6 Ta = 60°C; Type 4X/6

S/II,III/2/FG/T6 Ta = 60°C; Type 4X/6

a = Model Series:

250 (H250 Series) – Measuring part type with conical metallic tube, with or without PTFE liner; 1/2 in., 1 in., 2 in., 3 in. or 4 in.

b = Material of wetted parts:

HC – Hastelloy

PTFE – Polytetrafluoroethylene, ceramic

RR – Stainless Steel

c = Signal Converter Indicator Section:

M10 – M10 Transmitter and Indicator, flameproof aluminum housing with built-in electronics

### Equipment Ratings:

Explosionproof Protection for use in Class I, Division 1, Groups A, B, C & D and Class I, Zone 1, Group IIC;  
Dust-Ignitionproof for use in Class II & III, Division 1, Groups E, F & G; Nonincendive for use in Class I,  
Division 2, Groups A, B, C & D and Class I, Zone 2, Groups IIC; Suitable for Class II & III, Division 2,  
Groups F & G Hazardous (Classified) indoor/outdoor (Type 4X/6) Locations.

### Approved for:

KROHNE Messtechnik GmbH & Co. KG  
Ludwig-Krohne-Strasse 5  
D-47058 Duisburg  
Germany

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

Class 3600	1998
Class 3611	2004
Class 3615	1989
Class 3810	2005
ANSI/NEMA 250	1991

Original Project ID: 3024297

FM Approval Granted: 9/28/05

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
---------------	------	---------------	------

FM Global Technologies LLC



George A. Smith  
Assistant Vice President  
FM Approvals

9/28/05  
Date