



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx BAS 09.0150X issue No.:0 Certificate history:.....

Status: **Draft**

Date of Issue: **2010-06-07** Page 1 of 3

Applicant: **Emerson Process Management - Rosemount Analytical**  
2400 Barranca Parkway  
Irvine  
California 92606  
**United States of America**

Electrical Apparatus: **Xmt**  
*Optional accessory:*

Type of Protection: **Intrinsic Safety**

Marking: **Ex ia IIC T4 Ga**  
**-20°C < Ta < +50°C**

*Approved for issue on behalf of the IECEx  
Certification Body:*

R. S. Sinclair

*Position:*

Managing Director

*Signature:  
(for printed version)*

\_\_\_\_\_

*Date:*

\_\_\_\_\_

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**Baseefa**  
**Rockhead Business Park**  
**Staden Lane**  
**Buxton**  
**Derbyshire**  
**SK17 9RZ**  
**United Kingdom**





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Manufacturer: **Emerson Process Management - Rosemount Analytical**  
2400 Barranca Parkway  
Irvine  
California 92606  
**United States of America**

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition: 5

**IEC 60079-11 : 2006** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition: 5

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[GB/BAS/ExTR10.0134/00](#)

Quality Assessment Report:



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Xmt is designed to convert an electrical signal from a remote sensor, or integral toroidal sensor (Xmt-T only) into a 4-20mA HART, Fieldbus or FISCO compatible signal. The apparatus consists of a printed circuit board, terminal facilities and a liquid crystal display and keypad, all housed in a plastic enclosure.

The apparatus may be designated Xmt-A, Xmt-P, Xmt-C and Xmt-T. The Xmt-A and Xmt-P differ only in software.

The suffixes -HT, -FF & -FI designate the following protocol compatibilities:

HT HART

FF Fieldbus

FI FISCO

See Annex for electrical data.

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. The plastic enclosure must only be cleaned with a damp cloth.