

**IECEX ASSESSMENT AND TEST REPORT  
GB/BAS/ExTR11.0296/00**



**IECEX TEST REPORT COVER**



ExTR Reference Number ..... GB/BAS/ExTR11.0296/00  
 ExTR Free Reference Number..... 11/0911  
 Compiled by + signature (ExTL).... R. Powney  
 Reviewed by + signature (ExTL).... M. Powney  
 Approved by + signature (ExCB) ... **R. Sinclair**  
 Date of issue..... 28 November 2011

Ex Testing Laboratory (ExTL)..... Baseefa  
 Address..... Rockhead Business Park, Staden Lane, Buxton, Derbyshire, UK,  
 SK17 9RZ

Ex Certification Body (ExCB)..... Baseefa  
 Address..... Rockhead Business Park, Staden Lane, Buxton, Derbyshire, UK,  
 SK17 9RZ

Applicant's name ..... Emerson Process Management – Rosemount Analytical  
 Address..... 2400 Barranca Parkway, Irvine, California 92606, USA

Standards associated with this ExTR package ..... IEC 60079-0:2007 Edition 5  
 IEC 60079-11: 2006 Edition 5

Clauses considered ..... All

Test procedure ..... IECEx System  
 Test Report Form Number ..... ExTR Cover\_4 (released 2010-12)

Test item description .....  
 Model/type reference ..... Xmt  
 Code (e.g. Ex \_\_ II\_\_ T\_\_) ..... Ex ia IIC T4 Ga  
 Rating ..... 30V, 200mA, 0.9W; 30V, 300mA, 1.3W; 17.5V, 380mA, 5.32W

All testing fully performed by ExTL staff at ExTL address above: N/A

**Instructions for Intended Use of ExTR Cover:**

*An ExTR Cover is the sole top-level document to associate together all other parts of an IECEx Test Report (ExTR) package. An ExTR package is comprised of an ExTR Cover and one or more associated ExTR documents (which may include Ex Test Reports, ExTR Addendums and ExTR of National Differences). All ExTR package documents are compiled and reviewed by the ExTL. The Issuing ExCB indicates final approval of the overall ExTR package on this ExTR Cover.*

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Manufacturer's name..... : Emerson Process Management – Rosemount Analytical  
Address..... : 2400 Barranca Parkway, Irvine, California 92606, USA  
Trademark ..... :

**Particulars: Test item vs. Test requirements**

Classification of installation and use..... : Stationary  
Ingress protection ..... : IP20 min  
Rated ambient temperature range (°C)..... :  $-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$   
Rated service temperature range (°C) for Ex Components..... :

**General remarks:**

The test results presented in this ExTR package relate only to the item or product tested.

- "(see Attachment #)" refers to additional information appended to the ExTR package.
- "(see appended table)" refers to a table appended to the ExTR package.
- Throughout this ExTR package, a point is used as the decimal separator.
- *Where the term "N/A" appears in any part of an ExTR package, it indicates that the associated issue was considered "Not applicable" to the involved evaluation.*
- *In accordance with IECEx 02, a Receiving ExCB may request a sample of the Ex equipment and copies of the documentation referred to in an ExTR Cover.*

The technical content of this ExTR package shall not be reproduced except in full without the written approval of the Issuing ExCB and ExTL.

**Copy of Marking Plate:**

No major changes to marking plate. See original report(s).

**General product information:**

See original reports.

**In accordance with OD 024, testing not fully performed by ExTL staff at the above ExTL address:**

None.

**National differences considered as part of this evaluation, if any:**

None.

**"Conditions of Use" for Ex Equipment or "Schedule of Limitations" for Ex Components, if any:**

None additional to those listed previously. See original reports.

**Routine tests, if any:**

None.

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Manufacturer's Documents				
Document No.	Sheets	Document Title	Issue	Date
1700513	1 of 1	Mod Xmt-A-HT-10 Xmtr I.S. (BAS)	B	09-29-11
1700514	1 of 1	Mod Xmt-A-FF-10 Xmtr I.S. (BAS)	B	09-29-11
1700515	1 of 1	Mod Xmt-A-HT-11 Xmtr I.S. (BAS)	C	09-22-11
1700516	1 of 1	Mod Xmt-A-FF-11 Xmtr I.S. (BAS)	C	09-22-11
1700518	1 of 1	Mod Xmt-P-FF-10 Xmtr I.S. (BAS)	B	09-29-11
1700519	1 of 1	Mod Xmt-P-HT-11 Xmtr I.S. (BAS)	C	09-22-11
1700520	1 of 1	Mod Xmt-P-FF-11 Xmtr I.S. (BAS)	C	09-22-11
1700521	1 of 1	Mod Xmt-P-HT-10 Xmtr I.S. (BAS)	B	09-29-11
1700522	1 of 1	Mod Xmt-C-FF-10 Xmtr I.S. (BAS)	B	09-29-11
1700523	1 of 1	Mod Xmt-C-HT-11 Xmtr I.S. (BAS)	C	09-22-11
1700524	1 of 1	Mod Xmt-C-FF-11 Xmtr I.S. (BAS)	C	09-22-11
1700525	1 of 1	Mod Xmt-T-HT-10 Xmtr I.S. (BAS)	B	09-29-11
1700526	1 of 1	Mod Xmt-T-FF-10 Xmtr I.S. (BAS)	B	09-29-11
1700527	1 of 1	Mod Xmt-T-HT-11 Xmtr I.S. (BAS)	C	09-22-11
1700528	1 of 1	Mod Xmt-T-FF-11 Xmtr I.S. (BAS)	C	09-22-11
1700573	1 of 1	Mod Xmt-A-FI-10 Xmtr I.S. (BAS)	B	09-29-11
1700574	1 of 1	Mod Xmt-A-FI-11 Xmtr I.S. (BAS)	C	09-22-11
1700575	1 of 1	Mod Xmt-P-FI-10 Xmtr I.S. (BAS)	B	09-29-11
1700576	1 of 1	Mod Xmt-P-FI-11 Xmtr I.S. (BAS)	C	09-22-11
1700577	1 of 1	Mod Xmt-C-FI-10 Xmtr I.S. (BAS)	B	09-29-11
1700578	1 of 1	Mod Xmt-C-FI-11 Xmtr I.S. (BAS)	C	09-29-11
1700579	1 of 1	Mod Xmt-T-FI-10 Xmtr I.S. (BAS)	B	09-29-11
1700580	1 of 1	Mod Xmt-T-FI-11 Xmtr I.S. (BAS)	C	09-22-11
9241577-00	1 of 1	Label, IS Baseefa, Xmt-A-HT	D	09-26-11
9241578-00	1 of 1	Label, IS Baseefa, Xmt-A-FF	D	09-26-11
9241579-00	1 of 1	Label, IS Baseefa, Xmt-P-HT	D	09-26-11
9241580-00	1 of 1	Label, IS Baseefa, Xmt-P-FF	D	09-26-11
9241581-00	1 of 1	Label, IS Baseefa, Xmt-C-HT	D	09-26-11
9241582-00	1 of 1	Label, IS Baseefa, Xmt-C-FF	D	09-26-11
9241583-00	1 of 1	Label, IS Baseefa, Xmt-T-HT	D	09-26-11
9241584-00	1 of 1	Label, IS Baseefa, Xmt-T-FF	D	09-26-11
9241611-00	1 of 1	Label, IS Baseefa, Xmt-A-FI	B	09-22-11
9241612-00	1 of 1	Label, IS Baseefa, Xmt-P-FI	B	09-22-11
9241613-00	1 of 1	Label, IS Baseefa, Xmt-C-FI	B	09-22-11
9241614-00	1 of 1	Label, IS Baseefa, Xmt-T-FI	B	09-22-11

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**1 Scope**

This report covers the assessment of a variation to the Xmt against the relevant clauses of IEC 60079-0:2007 Ed 5 & IEC 60079-11:2006 Ed 5. The equipment is already covered by IECEX Certificate IECEX BAS 09.0150X and Test Report GB/BAS/ExTR10.0134/00.

**2 Variation**

The manufacturer requests numerous drawing changes.

**3 Test and Assessment**

**3.1 Drawing changes**

The drawing changes are minor and do not affect the original assessment.

**4 Conclusions**

The variations to the certificates as defined in Section 1 are considered to comply with the relevant requirements of the standards listed on Page 1 of this report.