



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa08ATEX0222**

4 Equipment or Protective System: **A Type XCD Transmitter**

5 Manufacturer: **Honeywell Analytics**

6 Address: **405 Barclay Boulevard, Lincolnshire, IL 60069, USA.**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa, Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR08.0149/00**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

IEC60079-0: 2007 EN60079-1: 2007 EN 61241-1: 2006

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

⊕ II GD Ex d IIC Gb T6 (Ta -40°C to +65°C) Ex tb IIIC T85°C Db IP66

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **5989**

Project File No. **08/0201**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com
Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

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R S SINCLAIR

**DIRECTOR
On behalf of
Baseefa**



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Schedule

14

Certificate Number Baseefa08ATEX0222

15 Description of Equipment or Protective System

The Type XCD Transmitter comprises a cylindrical enclosure manufactured from aluminium alloy or stainless steel with a threaded cover containing a window, the base has three integral bosses. Two bosses are drilled and tapped to accept cable entries and one for the attachment of an individually certified gas or toxic sensor. The interior comprises PCB,s and a display unit.

The transmitter is rated up to 32Vd.c, 3.5W.

Cable entry holes are provided as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.

The cable entry devices, thread adapters and stopping plugs shall be suitable for the equipment, the cable and the conditions of use and shall be certified as Equipment (not a Component) under an EC Type Examination Certificate to Directive 94/9/EC.

When used in an explosive dust atmosphere the cable entry devices shall maintain the ingress protection of the enclosure

16 Report Number

GB/BAS/ExTR08.0149/00

17 Special Conditions for Safe Use

None

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9 and the assessment indicated in the Annex of report GB/BAS/ExTR08.0149/00

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
3001EA026	1	7	16.09.08	General Assembly – XCD Transmitter
3001EA026	2	7	16.09.08	General Assembly – XCD Transmitter
3001EA043	1	5	25.08.08	Transmitter Bottom Case
3001EA042	1	3	14.07.08	Transmitter Top Case
3001EA044	1	3	16.09.08	Window
3001EA045	1	1	01.10.08	Clamp Ring
3001EA046	1	1	01.10.08	Blanking Plug
3001EA047	1	1	01.10.08	Ground washer
3001EA041	1	1	01.10.08	Certification Label



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa08ATEX0222/1**

4 Equipment or Protective System: **A Type XCD Transmitter**

5 Manufacturer: **Honeywell Analytics**

6 Address: **405 Barclay Boulevard, Lincolnshire, Illinois, 60069 USA**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa08ATEX0222** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

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Baseefa Customer Reference No. **5989**

Project File No. **09/0936**

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Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com
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Registered in England No. 4305578. Registered address as above.

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

14

Certificate Number Baseefa08ATEX0222/1

15 Description of the variation to the Equipment or Protective System

Variation 1.1

Addition of a 3 digit coding to the equipment designation on the certification label to reflect the required nature of the associated sensor unit.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR09.0241/00

17 Special Conditions for Safe Use

None

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
3001EA041	1 of 1	2	18/Nov/09	Certification Label



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa08ATEX0222/2**

4 Equipment or Protective System: **Type XCD Transmitter**

5 Manufacturer: **Honeywell Analytics**

6 Address: **405 Barclay Boulevard, Lincolnshire, Illinois, 60069, USA**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa08ATEX0222** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **5989**

Project File No. **10/0496**

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Rockhead Business Park, Staden Lane,
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Schedule

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Certificate Number Baseefa08ATEX0222/1

15

Description of the variation to the Equipment or Protective System

Variation 2.1

Addition of marine approval information to the marking.

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Report Number

Baseefa Certification Report GB/BAS/ExTR10.0152/00

17

Special Conditions for Safe Use

None

18

Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19

Drawings and Documents

Number	Sheet	Issue	Date	Description
3001EA041	1 of 1	3	01/JUL/10	Certification Label



1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

**2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

- 3** Supplementary EC - Type Examination Certificate Number: **Baseefa08ATEX0222/3**
- 4** Equipment or Protective System: **A Type XCD Transmitter**
- 5** Manufacturer: **Honeywell Analytics**
- 6** Address: **405 Barclay Boulevard, Lincolnshire, Illinois, 60069, USA**
- 7** This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa08ATEX0222** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **5989**

Project File No. **11/0567**

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Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
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Schedule

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Certificate Number Baseefa08ATEX0222/3

15 Description of the variation to the Equipment or Protective System

Variation 3.1

Introduction of an optional grade of aluminium alloy, together with a clarification of the alternative material specifications.

Variation 3.2

Optional addition of an 'O' ring window seal with a modified cover casting, and an alternative method of applying the ITO screening.

Variation 3.3

Miscellaneous minor dimensional changes to aid production.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR11.0196/00

17 Special Conditions for Safe Use

None

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Issue	Date	Description
3001EA026 Sheets 1 & 2	8	13/JAN/11	General Assembly - Sensepoint XCD Transmitter
3001EA042	5	04/MAR/11	Top Case
3001EA043	7	31/MAY/11	Bottom Case
3001EA044	4	08/MAR/11	Window
3001EA045	2	13/JAN/11	Clamp Ring



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 94/9/EC

3 Supplementary EC - Type Examination Certificate Number: **Baseefa08ATEX0222/4**

4 Equipment or Protective System: **A Type XCD Transmitter**

5 Manufacturer: **Honeywell Analytics**

6 Address: **405 Barclay Boulevard, Lincolnshire, Illinois 60069 USA**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa08ATEX0222** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **5989**

Project File No. **11/0802**

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Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com
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Registered in England No. 4305578. Registered address as above.

A handwritten signature in blue ink, appearing to read "R S Sinclair".

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13 **Schedule**

14 **Certificate Number Baseefa08ATEX0222/4**

15 **Description of the variation to the Equipment or Protective System**

Variation 4.1

Introduction of an alternative +75°C upper ambient temperature rating, with a corresponding change in temperature class to T5/T100°C.

Variation 2.2

The equipment covered by this certificate has been reviewed against the additional design and test requirements of IEC 60079-0: 2011 and EN 60079-31: 2009 (superseding EN 61241-1), and compliance is confirmed.

The unit is to be marked with the following amended coding:-

⊕ II 2 GD Ex d IIC T6 (Ta -40°C to +65°C) Gb
T5 (Ta -40°C to +75°C)
Ex tb IIIC T85°C (Ta -40°C to +65°C) Db IP66
T100°C (Ta -40°C to +75°C)

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR12.0122/00

17 **Specific Conditions of Use**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Issue	Date	Description
3001EA041	5	24/APR/12	Nameplate

This drawing is common to, and is held with, IECEx BAS 08.0072