



EC - TYPE EXAMINATION CERTIFICATE

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

- 3 EC - Type Examination Certificate Number: **Baseefa08ATEX0265X**
- 4 Equipment or Protective System: **Sensepoint Combustible Gas Detector Head**
- 5 Manufacturer: **Honeywell Analytics Limited**
- 6 Address: **4 Stinsford Road, Nuffield Estate, Poole, Dorset, BH17 0RZ**
- 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/ExTR08.0139/00**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
IEC 60079-0: 2007 EN60079-1: 2007 EN61241-1: 2004
- 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 :
- Ex II 2GD Ex d IIC T6 Gb Ex tb IIIC A21 Db IP67 T85°C (T_{amb} -40°C to + 55°C) or T100°C (T_{amb} -40°C to + 70°C) or T135°C (T_{amb} -40°C to + 80°C)**

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

Baseefa Customer Reference No. **0981**

Project File No. **08/0220**

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

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AP *M. Rowney*
R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa08ATEX0265X

15 Description of Equipment or Protective System

The Sensepoint Combustible Gas Detector Head comprises a cylindrical enclosure manufactured in two parts from moulded glass reinforced plastic. The front section contains a sinter moulded into the housing and the rear section has a male thread for attachment to a suitable enclosure or conduit.

The detector head houses pellistor type sensors and associated printed circuit board and integral cables exit the enclosure at the threaded end through potting material.

The sensor may be provided with a specified gas collecting cone and types of weather housings around the sinter.

The detector head is rated up to 35V 2W.

16 Report Number

Baseefa certification Report: GB/BAS/ExTR08.0139/00

17 Special Conditions for Safe Use

1. The detector must be protected from impact.
2. The integral supply cables must be protected from impact and terminated in a suitable terminal facility.
3. The detector is considered to present a potential electrostatic risk and must not be located in high air flows or rubbed.

18 Essential Health and Safety Requirements

The detector head has been assessed for compliance with the standards indicated in item 9 only. If used in a safety system the function and performance of the detector head is to be determined as suitable by the installer or end user.

All other relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
2106E0002	1	11	15.08.08	General Assembly.
*2106E0002	2	11	15.08.08	General Assembly - PPM Version
*2106E0006	1	2	26.08.08	Thread Adaptor

* These drawings are common to IECEx BAS 08.0068X, IECEx BAS08.0070X, and Baseefa 08ATEX0263X; they are held with IECEx BAS08.0070X.



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: **Baseefa08ATEX0265X/1**

4 Equipment or Protective System: **Sensepoint Combustible Gas Sensor Head**

5 Manufacturer: **Honeywell Analytics Limited**

6 Address: **Hatchpond House, 4 Stinsford Road, Nuffield Estate,
Poole, Dorset, BH17 ORZ**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa08ATEX0265X** 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.

8 Item 9 of the original Certificate is replaced by “Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0: 2012
EN 60079-1: 2007

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

9 The marking of the equipment has changed from the original Certificate and shall include the following:

⊕ II 2 G D Ex d IIC T6 Gb Ex tb IIIC T85°C Db (-40°C ≤Ta ≤+55°C)* IP67 * see schedule

This certificate shall be held with the original certificate and may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0981**

Project File No. **12/0470**

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Baseefa

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Baseefa is a trading name of Baseefa Ltd
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



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Schedule

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Certificate Number Baseefa08ATEX0265X/1

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

Variation 1.1

The equipment covered by this certificate has been reviewed against the additional design and test requirements of EN 60079-0: 2012 and EN 60079-31: 2009 (superseding EN 61241-1), and compliance is confirmed.

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

Ⓔ II 2 G D Ex d IIC T6 Gb Ex tb IIIC T85°C Db (-40°C ≤Ta ≤+55°C)* IP67

* The following alternative Temperature Class/Ambient combinations may also be marked :-

T5/T100°C (-40°C ≤Ta ≤+70°C)

T4/T135°C (-40°C ≤Ta ≤+80°C)

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR12.0260/00

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	Sheet	Issue	Date	Description
* 2106E0002	1	12	02/10/12	General Assembly, Sensepoint Combustible Gas Detector
# 2106E0002	2	12	02/10/12	General Assembly, PPM Version & Weather Protection

* This drawings is common to, and held with, IECEx BAS 08.0068X

This drawing is common to Baseefa08ATEX0263X, Baseefa08ATEX0264X, IECEx BAS 08.0069X, IECEx BAS 08.0070X and is now held with IECEx BAS 08.0068X

Note. Drawing 2106E0006 (thread adaptor) is also common to Baseefa08ATEX0265X, Baseefa08ATEX0263X, IECEx BAS 08.0068X, and is held with IECEx BAS 08.0070X, but is not affected by this variation.