



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

Certificate No.: IECEx BAS 08.0068X issue No.:1

Status: **Current**

Certificate history:
Issue No. 1 (2012-12-17)
Issue No. 0 (2009-1-20)

Date of Issue: **2012-12-17** Page 1 of 4

Applicant: **Honeywell Analytics Limited**
Hatchpond House
4 Stinsford Road
Nuffield Estate
Poole
Dorset
BH17 ORZ
United Kingdom

Electrical Apparatus: **Sensepoint Combustible Gas Detector Head**
Optional accessory:

Type of Protection: **Flameproof and Dust**

Marking: **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)

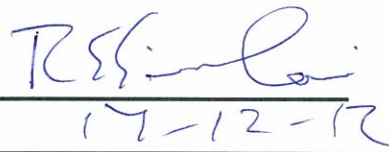
Approved for issue on behalf of the IECEx
Certification Body:

R S Sinclair

Position:

General Manager

Signature:
(for printed version)


17-12-12

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.

Certificate issued by:

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





IECEX Certificate of Conformity

Certificate No.: IECEx BAS 08.0068X

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Page 2 of 4

Manufacturer: **Honeywell Analytics Limited**
Hatchpond House
4 Stinsford Road
Nuffield Estate
Poole
Dorset
BH17 ORZ
United Kingdom

Additional 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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"

*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/ExTR08.0139/00

GB/BAS/ExTR12.0260/00

Quality Assessment Report:

GB/BAS/QAR07.0043/03



IECEx Certificate of Conformity

Certificate No.: IECEx BAS 08.0068X

Date of Issue: 2012-12-17

Issue No.: 1

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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.

CONDITIONS OF CERTIFICATION: YES as shown below:

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.



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Certificate No.: IECEx BAS 08.0068X

Date of Issue: 2012-12-17

Issue No.: 1

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Variation 1.1

The equipment covered by this certificate has been reviewed against the additional design and test requirements of IEC 60079-0: 2011, Edition 6 and IEC 60079-31: 2008, Edition 1 (superseding IEC 61241-1 for dust hazards), and compliance is confirmed.

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

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

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T5/T100°C (-40°C ≤Ta ≤+70°C)

T4/T135°C (-40°C ≤Ta ≤+80°C)

ExTR: GB/BAS/ExTR12.0260/00

File Reference: 12/0470