



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 SIR 15.0016U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2015-10-07\)](#)
Date of Issue: **2015-10-07** [Issue No. 0 \(2015-05-22\)](#)

Applicant: **Honeywell Analytics Ltd**
4 Stinsford Road
Nuffield Estate
Poole, Dorset
BH17 0RZ
United Kingdom

Electrical Apparatus: **Touchpoint Pro Analogue Input Module mV Bridge (AIMmV)**
Optional accessory:

Type of Protection: **Type nA**

Marking:
Ex nA IIC T4 Gc

Approved for issue on behalf of the IECEx
Certification Body:

A G Boyes

Position:

Certification Support Officer

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](#).

Certificate issued by:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden
Deeside
CH5 3US
United Kingdom

sira
CERTIFICATION





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Manufacturer: **Honeywell Analytics Ltd**
4 Stinsford Road
Nuffield Estate
Poole, Dorset
BH17 0RZ
United Kingdom

Additional Manufacturing
location(s):

Jianhui Plastic & Electronic Industrial (Shenzhen) Co., Ltd.
No. 127, Sili Road
Guanlan Town
Baoan District
Shenzhen
Guangdong
China

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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:4

*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/SIR/ExTR15.0131/00](#) [GB/SIR/ExTR15.0270/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0050/05](#) [GB/SIR/QAR11.0027/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Touchpoint Pro Analogue Input module mV Bridge (AIMmV) is used to read signals from field devices such as gas detectors and communicates to the central control module of a TPPR System over a ring network. The AIMmV is used to power and measure the response from catalytic sensors. The module contains two boards, a Safety Core IO board and an Analogue Input board. The two boards connect together via a board-mounted plug and socket and are enclosed inside a plastic housing. The AIMmV is intended to be mounted on a DIN rail inside a cabinet which provides an ingress protection of at least IP54.

The AIMmV module has four channels and four sets of terminals (TB1 to TB4). Each set of field terminals provides a constant current output to external gas sensors. These terminals are mounted on the Analogue Input Board and appear at the front of the housing.

External power connections are made to the rear of the Analogue Input Board edge connector which plugs into a Backplane mounted on a DIN rail.

Rated voltage at the DIN-rail edge connector = 18V-32V dc.

Schedule of limitations

The user/installer shall comply with the following:

1. The component shall be installed in an Ex e or Ex n approved enclosure that provides an ingress protection of at least IP54.

CONDITIONS OF CERTIFICATION: NO



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

Issue 1 – this Issue introduced the following change:

1

The introduction of an additional manufacturing location: Jianhui Plastic & Electronic Industrial (Shenzhen) Co., Ltd., No. 127, Sili Road, Guanlan Town, Baoan District, Shenzhen, Guangdong, China was recognised.