



# 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](http://www.iecex.com)

Certificate No.: IECEx SIR 15.0020U 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 BH17 0RZ  
**United Kingdom**

Electrical Apparatus: **Touchpoint Pro Backplane**  
*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





# IECEx Certificate of Conformity

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Manufacturer: **Honeywell Analytics Ltd**  
4 Stinsford Road  
Nuffield Estate  
Poole 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/ExTR15.0136/00](#) [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 Backplane is a printed circuit board that fits onto a metal DIN rail. The Backplane Board has a power connector and several Input/Output (I/O) connectors which incorporate the network and power lines. The I/O connectors accommodate edge connectors from various modules which are mechanically locked to the DIN rail.

The Backplane provides the I/O Modules with electrical power (24V nominal) and connectivity to the ring network. Backplanes are available in four variants: 5, 7, 9 and 10 I/O slots (excluding first slot reserved for RCM). The 10 I/O slot backplane is provided with two power connectors to achieve power supply input redundancy if required.

The Backplane is intended to be used inside a cabinet that provides an ingress protection of at least IP54.

Rated voltage at the DIN-rail power connector: 18V to 32V dc.

### Schedule of limitations

**The user/installer shall comply with the following:**

1. The module 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.