



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

|                     |   |             |                             |
|---------------------|---|-------------|-----------------------------|
| Certificate No.:    | <b>IECEX EXV 24.0037X</b>   | Page 1 of 4 | <u>Certificate history:</u> |
| Status:             | <b>Current</b>  | Issue No: 0 |                             |
| Date of Issue:      | 2024-09-16  |             |                             |
| Applicant:          | <b>Hohner Automation</b><br>Units 14-16 Whitegate Industrial Estate<br>Wrexham<br>LL13 8UG, UK<br><b>United Kingdom</b> |             |                             |
| Equipment:          | <b>Hook Load Sensor PTS-XXX</b>   |             |                             |
| Optional accessory: |   |             |                             |
| Type of Protection: | <b>Intrinsic Safety 'ia'</b>  |             |                             |
| Marking:            | Ex ia IIC T4* Ga<br><br><i>* May be marked with T5 or 6, or alternate Tamb<br/>dependent upon installed loadcell.</i>   |             |                             |

Approved for issue on behalf of the IECEx  
Certification Body:

**Sean Clarke CEng MSc FIET**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**ExVeritas Limited**  
Units 16-18 Abenbury Way  
Wrexham Ind. Est.  
Wrexham LL 139UZ  
**United Kingdom**





# IECEX Certificate of Conformity

Certificate No.: **IECEX EXV 24.0037X**

Page 2 of 4

Date of issue: 2024-09-16

Issue No: 0

Manufacturer: **Hohner Automation**  
Units 14-16 Whitegate Industrial Estate  
Wrexham  
LL13 8UG, UK  
**United Kingdom**

Manufacturing  
locations:

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2023](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:7.0

This Certificate **does not** indicate compliance with 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/EXV/ExTR24.0064/00](#)

Quality Assessment Report:

[GB/SIR/QAR06.0038/17](#)



# IECEX Certificate of Conformity

Certificate No.: **IECEX EXV 24.0037X**

Page 3 of 4

Date of issue: 2024-09-16

Issue No: 0

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Hook Load Sensor body is constructed from aluminium and is fitted with a certified loadcell incorporated. The equipment is supplied with a hand ratchet which is used to fit and calibrate the sensor when fitting to the 'drill line' it can be supplied with either a Junction Box or connector for connection to the monitoring system.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

- The equipment is constructed from Aluminium and in rare cases ignition sources due to impact and friction sparks could occur. This should be considered in the final installation
- When commissioning, the equipment must be sufficiently tensioned onto the 'drill line' ensuring that the equipment is secured.
- Tensioning Ratchet to be used only during commissioning / maintenance and must be removed before the equipment is put into service.
- Some versions of the equipment (load cells) may not be capable of passing a 500V dielectric strength test. This shall be taken into account when installing the equipment.
- Potential electrostatic risk: The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done only with a damp cloth.
- User repair – only Hohner supplied parts are to be used, contact manufacturer for spares.



# IECEX Certificate of Conformity

Certificate No.: **IECEX EXV 24.0037X**

Page 4 of 4

Date of issue: 2024-09-16

Issue No: 0

**Additional information:**

Compliance Drawings:

| Title:  | Drawing No:   | Rev: | Date:                       |
|---|---------------|------|-----------------------------|
| General Assembly for Hook Load Sensor (Connector Version) | PTS-AS-00C-01 | 1.0  | 2 <sup>nd</sup> August 2024 |
| General Assembly for Hook Load Sensor (Box version)       | PTS-AS-00J-01 | 1.0  | 2 <sup>nd</sup> August 2024 |
| Hook Load Sensor (PTS-XXX) Label Drawing                  | PTS-LB-001-01 | 1.0  | 30 <sup>th</sup> July 2024  |

Manufacturers responsibility

- Any Load cell X conditions must be recapitulated for the end user.
- The manufacturer must mark the equipment in accordance with the certified IS parameters of the certified IS sensor fitted and T Class and associated Tamb range.