



1 UNITED KINGDOM CONFORMITY ASSESSMENT UK TYPE EXAMINATION CERTIFICATE

Product Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1

3	Type Examination Certificate Number:	ExVeritas 24UKEX1862X Issue: 0
4	Product:	Hook Load Sensor PTS-XXX
5	Manufacturer:	Hohner Automation Ltd
6	Address:	Units 14-16, Whitegate Industrial Estate, Wrexham, LL13 8UG

- 7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 ExVeritas Limited Approved Body number 2585, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
- 9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018

EN 60079-11: 2023

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

- 10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- 11 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12 The marking of the equipment shall include the following:

1 G Ex ia IIC T4* Ga T_{amb} -20°C* to +60°C*

* May be marked with T5 or 6,or alternate Tamb dependent upon installed loadcell.

On behalf of ExVeritas

S Clarke CEng MSc FIET Managing Director

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FO-CB-76 V2





Schedule

13 Description of Product

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.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
XXXX/A/1	10 Sept 2024	0	Initial issue of the Prime Certificate

14.2 Compliance Drawings:

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

15 Specific Conditions of Use

15.1 Special Conditions for Safe Use

- 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.

15.2 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.
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- 16 Essential Health and Safety Requirements (Regulations Schedule 1)

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform ExVeritas of any modifications to the design of the product described by this schedule.

Certificate: ExVeritas 24UKEX1862X

Issue 0

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