1 EU - Type Examination Certificate

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 24ATEX1860X Issue: 0

4 Equipment: Hook Load Sensor PTS-XXX

5 Manufacturer: Hohner Automation Ltd

6 Address: Units 14-16, Whitegate Industrial Estate, Wrexham, LL13 8UG

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN IEC 60079-0: 2018 EN 60079-11: 2023

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 EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

Ex II 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.*

DANAK
PROD Reg.No. 7044
Member of EA MLA

On behalf of ExVeritas

Peter Lauritzen
Managing Director

Schedule

13 Description of Equipment or Protective System

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
R5319/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	2nd August 2024
General Assembly for Hook Load Sensor (Box version)	PTS-AS-00J-01	1.0	2nd August 2024
Hook Load Sensor (PTS-XXX) Label Drawing	PTS-LB-001-01	1.0	30th July 2024

15 Conditions of Certification

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.

16 Essential Health and Safety Requirements

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 the Notified Body of any modifications to the design of the product described by this schedule.