

1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 16ATEX0191X Issue: 1

4 Equipment: Incremental IIB Shaft Encoder

5 Manufacturer: Hohner Automation Ltd

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

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 60079-0: 2013

EN60079-11: 2012

EN60079-26:2015

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:



I M1

II 1 G

Ex ia I Ma

Ex ia IIB T4 Ga

T_{amb} -40°C to +60°C

(equipment may be marked with any range within these limits)

On behalf of ExVeritas



Peter Lauritzen
Managing Director



15 Conditions of Certification

15.1 Special Conditions for Safe Use

- As light metal may be used in the construction of this equipment, for Ga/1G installations only, consideration should be given that in rare events, ignition sources due to impact and/or frictional sparks could occur.
- Some versions of the equipment are manufactured with an enclosure made from plastic materials. Under certain extreme conditions such parts may generate an ignition capable level of electrostatic charge. Therefore, when the encoder is used for applications that specifically require group II, category 1 equipment, it shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. Additionally, the equipment shall only be cleaned with a damp cloth.
- When the equipment is used in a Zone 0, the user should be aware of the potential for failure of the shaft and bearing resulting in frictional heating that could exceed the temperature class of the equipment. The user should periodically check the encoder bearing for signs of wear and heating.

15.2 Conditions for Use (Routine tests)

None

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.

Certificate: ExVeritas 15ATEX0191X

Issue 1

This certificate may only be reproduced in its entirety and without any change, schedule included.

For help or assistance relating to this certificate, contact info@exveritas.com.

ExVeritas ApS, Severinsmindevej 6, 4420 Regstrup, Denmark.

ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.