

1 **EU - Type Examination Certificate**

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

3 Certificate Number: ExVeritas 17 ATEX 0238 Issue: 2

4 Equipment: ExSCS Speed Sensor Assembly Type C825064

5 Manufacturer: Pyroban Ltd

6 Address: Unit 4, 53 Dolphin Road, Shoreham-by-Sea, UK, BN43 6QG

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: 2018 EN60079-1: 2014

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:

 II 2 G Ex db IIC T4 Gb $-20^{\circ}\text{C} \leq \text{Ta} \leq +70^{\circ}\text{C}$



On behalf of ExVeritas

S Clarke, CEng MSc
Certification Manager

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The certificate is only valid when it carries an original signature.

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Schedule

13 Description of Equipment or Protective System

The ExSCS Speed Sensor Assembly Type C825064 is an assembly of flameproof equipment and component certified parts, consisting of three main housing parts, an International Metal Engineering 1080 Exd instrument housing, an in-line Exd union adaptor and an attached speed sensor. Cable entry is via an M20 threaded entry and access to the terminals is via the threaded cover.

Voltage 24V rms

13.1 Issue 1

The following changes are incorporated in issue 1 of the certificate

- Revised drawings to introduce new optional in line and right-angle unions (U- certified)
- Assessment to latest standard EN 60079-0: 2018

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R1095/A/1	31 May 2017	0	Initial issue of the Prime Certificate
R2367/A/1	05/12/2019	1	First variation, see 13.1 for details
ExV3034	17 Nov 2020	2	Transfer of the certificate from ExVeritas UK, Notified Body number 2585 to ExVeritas Denmark, Notified Body number 2804. Certificate number remains unchanged.

14.2 Compliance Drawings:

Issue 1

Title:	Drawing No.:	Sheets	Rev. Level:	Date:
Speed Sensor Assembly	C825064	1 of 2	2	25/10/2019

15 Conditions of Certification

15.1 Special Conditions for Safe Use
None

15.2 Conditions for Use
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 17 ATEX 0238

Issue 2

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