

1 ATEX CAT 3 Conformity Certificate

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

3 Certificate Number: ExVeritas 22ATEX1258X Issue: 0

4 Equipment: Electronic Throttle Control

5 Manufacturer: Pyroban Ltd.

6 Address: 23 Dolphin Road,
Shoreham-by-Sea,
West Sussex, BN43 6PB, UK.

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to. The assessments are recorded in ExVeritas project file number EXV3156A.

8 The equipment has been assessed against the following Standards and found to comply:

EN IEC 60079-0: 2018 EN 60079-7:2015 + A1:2018

9 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.

10 ExVeritas takes no responsibility for the validity of any information or data supplied by the manufacturer on which parts of the assessment may be based upon.

11 The marking of the equipment shall include the following:

 Ex ec IIC T5 Gc -20°C ≤ Ta ≤ 75°C



No. 8613

On behalf of ExVeritas

S Clarke CEng MSc FIET
Managing Director

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

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

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

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12 Description of Equipment or Protective System

The unit is an electronic top-mounted hand throttle control with the base unit being supplied by Mobile Control Systems SA. The electronic throttle controls are fitted with programmable Hall Effect Sensors that can be set to control Industrial engines.

The signals generated by the Electronic Throttle Controls allow a smooth and precise engine speed control. The output values are programmable and can be adapted to the customer's specifications. Electronic throttle controls can be connected directly to the engine management system, or engine Electronic Control Module. The control module is housed within an Ex e metallic enclosure and is designed to be fitted to the wall of another larger Ex e control enclosure.

13 Descriptive Documents

13.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R3940/A/2	26/08/02022	0	Initial issue of the Prime Certificate

13.2 Compliance Drawings:

Title:	Drawing No:	Rev. Level:	Sheets	Date:
Electronic Throttle Control 10-85% Duty Cycle	C825094	1 of 1	1	06/06/2022

14 Conditions of Certification

14.1 Special Conditions for Safe Use

- To be fitted to a suitably certified Ex e enclosure
- The throttle housing final gasket mounting must be compressed by at least 30% in line with the manufacturer's instructions, to maintain a level of IP54.
- Maximum service ambient temp -20°C to +75°C
- Not designed for service, repair or opening

14.2 Conditions for Use (Routine tests)

- None

15 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 8 and where required the report listed in section 13.1