

EU-Type Examination Certificate

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: Presafe 18 ATEX 13050X Issue 0
- [4] Product: Pressure Transmitter xT23XX
- [5] Manufacturer: Stellar Technology, LORD Corporation
- [6] Address: 237 Commerce Drive
Amherst, New York, 14228 USA
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 Annex II to the Directive.
The examination and test results are recorded in confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012/A11:2013 and EN 60079-1:2014
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:



II 2 G

Ex db IIC T5

Tamb: -20°C to +85°C

Date of issue:
2018-11-19



Asle Kaastad
For DNV GL Presafe AS
The Certificate has been digitally signed.
See www.presafe.com/digital_signatures for more info



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

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[13] Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 18 ATEX 13050X Issue 0

[15] Description of Product

The Stellar Technology Series xT23xx is an industrial pressure transmitter available in current output or voltage output rated for hazardous location service. The apparatus is available in absolute, sealed, gauge, true gauge, and differential zero pressure reference. The apparatus is entirely manufactured from high-grade stainless steel and super alloys and includes a 1/2"-NPT entry for electrical interconnection.

Type designation

xT23xx

Electrical Data

8-40 Vdc, 100 mA

Routine tests

A routine overpressure test of 20 bar shall performed on all units for a duration of at least 10s. Testing shall be performed in accordance with the requirements of EN 60079-0:2014, Clause 15.2.3.

[16] Report No.: 2018-3160, Issue 00
Project No.: PRJC-305413-2011-PRC-USA

[17] Specific Conditions of Use

1. Flameproof joints are not intended to be repaired.
2. Cable entry thread type is ½-NPT and shall be fitted with a suitably Ex certified cable gland. Where a thread adapter is necessary, it shall also be suitably Ex certified, and only a single adapter shall be used.
3. Screws have a minimum yield stress of 210 MPa.

[18] Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] Drawings and documents

Number	Title	Rev.	Date
218803	Diagram, nameplate XT23XX, ATEX	J	2018-10-29
221015	Detail, Certification XT23XX-XXX	D	2015-03-30

[20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue – Transfer from DNV-2003-OSL-ATEX-0258 Low ambient changed from -40°C to -20°C	2018-11-19	2018-3160, Issue 00

END OF CERTIFICATE