

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 17 ATEX 10552X Issue 1
- [4] Product: XT50 measuring unit
- [5] Manufacturer: Easy-Laser AB
- [6] Address: Alfagatan 6
431 49 Mölndal
Sweden
- [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 Nemko 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, EN 60079-11:2012 and EN 60079-28:2015
- [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 ib op is IIC T4 Gb Ta: -10°C ≤ Ta ≤ +50°C

Bjørn Spongsveen
For DNV GL Nemko Presafe AS

The Certificate has been digitally signed.
See www.presafe.com/digital_signatures for more info



Date of issue: 2018-04-20

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

[13] **Schedule**

[14] **EU-TYPE EXAMINATION CERTIFICATE No.:** Presafe 17 ATEX 10552X Issue 1

[15] **Description of Product**

The measuring units XT50M and XT50S is used together with an Ex-tablet or an Ex-phone that form a shaft alignment system. The measuring unit are connected wireless to a tablet or phone. There is a built-in O-led that shows some of the data. The units are powered by a built in, non-replaceable Lithium-Ion battery. The laser module has been assessed inherently safe optical radiation. The enclosure of the unit is made of aluminum and ABS/TPE plastic

Type designation

XT50 measuring unit

Electrical Data

Nom Voltage 3.8V, Max open-circuit voltage 4.2V, Lithium-Ion cells

Ambient temperature:

-10°C to +50°C

[16] **Report No.:** D0002236 issue1

[17] **Specific Conditions of Use**

- Only charge battery in safe area

[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

Documents pack '10-0688 Dokumentöversikt XT550'

- Document 12-0979 Circuitboard documents updated to V0111 2018-02-28. 10-0812
- Document PCB Mouldning instructions update to Issue B 2018-03-22

[20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue	2017-12-12	D0002236
1	Update the document to 12-0979 Circuitboard documents V0111, R8 change to OR RES0603 Thick film 1% 0.1W. Instruksjon ingjutning av kretskort till XT50 update to Revision B	2018-04-20	D0002236

END OF CERTIFICATE