

[1]

EU-TYPE EXAMINATION CERTIFICATE

[2] Product Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

[3] EU-Type Examination Certificate Number: **Presafe 17 ATEX 10552X** **Issue 2**

[4] Product: **XT50**

[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 Product Assurance AS, notified body number 2460, in accordance with Article 17 and Article 21 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 item 16.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: **EN 60079-0:2018, EN 60079-11:2012 and EN 60079-28:2015**

Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.

[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 in accordance to the Directive 2014/34/EU. 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**



Date of issue:
2021-04-23



Asle Kaastad
For DNV Product Assurance AS
The Certificate has been digitally signed.
See www.dnv.com/digitalsignatures for info

[13] **Schedule**

[14] **EU-Type Examination Certificate No:** Presafe 17 ATEX 10552X Issue 2

[15] **Description of Product**

The XT50 is a measuring unit 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

Electrical Data

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

Ambient temperature:

-10°C to +50°C

Routine tests

None

[16] **Report No.:** 208496

[17] **Specific Conditions of Use**

1. Only charge battery in safe area

[18] **Essential Health and Safety Requirements**

Met by compliance with the requirements mentioned in item 9.

[19] **Drawings and documents**

Documents pack 'Document pack XT50 20210325', 10-0688 Dokumentöversikt XT550 Rev F.

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Original issue	2017-12-12	D0002236
1	Update the document to 12-0979 Circuitboard dokument V0111, R8 change to OR RES0603 Thick film 1% 0.1W. Instruktion ingjutning av kretskort till XT50 update to Revision B	2018-04-20	D0002236
2	Update the encapsulation and battery charging DC-plug.	2021-04-23	208496

END OF CERTIFICATE

