

1. **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: **EESF 21 ATEX 014X**
4. Product: **Vibration and temperature sensor**
Certified types: **Industrial Node**
5. Manufacturer: **Treon Oy**
6. Address: **Visiokatu 3, FI-33720 Tampere, Finland**
7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. Eurofins Expert Services Oy, Notified Body number 0537, 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 report No. EUFI29-21001414-T1.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN 60079-11:2012
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 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T135 °C Db
-40 °C ≤ Tamb ≤ +60 °C

Espoo, 24.06.2021
Eurofins Expert Services Oy

Tony Myllylä
Senior Expert

Kari Koskela
Senior Expert

This document is digitally signed.

13. **Schedule**

 14. **EU-Type Examination Certificate EESF 21 ATEX 014X**

 15. **Description of Product**

Vibration and temperature sensor. The sensor is primary cell operated. Cell type is long-life SAFT LS 17500 Primary Li-SOCL2 3.6 V lithium thionyl chloride A-size cell. The cell is entirely encapsulated in polyurethane compound and is not intended to be replaced.

 16. **Report Number**

EUFI29-21001414-T1

 17. **Specific Conditions of Use**

Allowed ambient temperature range is $-40\text{ °C} \leq T_{amb} \leq +60\text{ °C}$

 18. **Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

 19. **Drawings and Documents**

Drawings and documents are listed in the confidential report.

 20. **Certificate History**

Issue	Date	Report No.	Change
-	24.06.2021	EUFI29-21001414-T1	Prime certificate.