(1) # EU - Type Examination Certificate

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) EU - Type Examination Certificate Number

EPS 15 ATEX 1 067 **Revision 2**

(4) Equipment: VIB 5.7xx..EX VIBROTECTOR

(5) Manufacturer: Fluke Corporation

(6) Address: 6920 Seaway Blvd
Everett, WA 98203
United States of America

(7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 15TH0303.

(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 equipment is subject to special conditions for safe use specified in the annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:

II 2G Ex ib IIC T4 Gb

II 2D Ex ib IIIC T135°C Db

Certification department of explosion protection

Hamburg, 2021-09-23

Ulrich Feike

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. EPS 15 ATEX 1 067, Revision 2.

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(13) # Annex

(14) **EU - Type Examination Certificate EPS 15 ATEX 1 067** **Revision 2**

(15) Description of equipment:

The sensors are used to measure vibration velocities. The signal is picked up by two piezo elements to which masses are attached. If the sensors are exposed to accelerations, the masses act on the piezo elements due to the mass inertia, which then emit a charge or voltage signal equivalent to acceleration. The sensors are used for preventive maintenance of rotating machines.

Maximum ambient temperature range: $-40\ °C \leq T_a \leq +80\ °C$

Electrical data:

$U_i = 30\ V$, $I_i = 250\ mA$, $P_i = 600\ mW$, $C_i = 11\ nF$, $L_i = 0\ \mu H$

(16) Reference number: 15TH0303

(17) Special conditions for safe use:

None.

(18) Essential health and safety requirements:

Met by compliance with standards.

ZERTIFIZIERUNGSSTELLE BUREAU VERITAS 1828 Bureau Veritas CPS Germany GmbH

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Hamburg, 2021-09-23

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