



(1) **UK - Type Examination Certificate**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **UKSI 2016:1107 (as amended)**

(3) UK - Type Examination Certificate Number

**EPS 22 UKEX 1 240**

**Revision 0**

(4) Equipment: VIB 6.2yy zz XD Mini Sensor

(5) Manufacturer: Fluke Corporation

(6) Address: 6920 Seaway Blvd  
Everett 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 United Kingdom Limited, approved body No. 8507 in accordance with UKSI 2016:1107 (as amended) Part 4, 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 Schedule 1 of UKSI 2016:1107 (as amended). The examination and test results are recorded in the confidential documentation under the reference number 15TH0325.

(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.

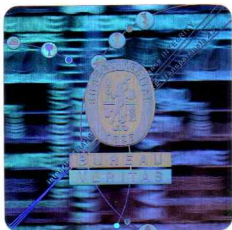
(11) This UK - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with UKSI 2016:1107 (as amended). Further requirements apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this 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

*N. Wilkinson*  
Natalie Wilkinson

Warrington, 21-10-2022

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 United Kingdom Limited. EPS 22 UKEX 1 240, Revision 0.

Bureau Veritas Consumer Products Services United Kingdom Limited  
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Woolston, Warrington, Cheshire, WA1 4RW

Registered in England & Wales  
Company Number: 00852439



(13)

## Annex

(14) **UK - Type Examination Certificate EPS 22 UKEX 1 240**

**Revision 0**

(15) Description of equipment:

The Mini Sensors VIB 6.2yy zz XD are used to measure vibration velocities. The signal acquisition is realized with two piezoelectric elements, which are coupled via masses. An application example is the predictive maintenance of rotating machines. The sensor is screwed into the monitored machine. The metallic surface of the housing has electrical contact with the machine.

If the delivered protective cap VIB 6.205 is not used, the sensor shall be installed so that an impact on it can be excluded.

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

Electrical data:

$U_i = 30\text{ V}$ ,  $P_i = 300\text{ mW}$ ,  $C_i = 5\text{ nF}$ ,  $L_i = 0\text{ }\mu\text{H}$

(16) Reference number: 15TH0325

(17) Special conditions for safe use:

None.

(18) Essential health and safety requirements:

Met by compliance with standards.

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Warrington, 21-10-2022



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