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- (1) **EC TYPE EXAMINATION CERTIFICATE**
- (2) **Equipment or protective system intended for use
in potentially explosive atmospheres
Directive 94/9/EC**
- (3) EC type examination certificate number: **ISSeP15ATEX0037X**
- (4) Equipment or protective system:
« Wireless Vibration Monitor » Wi-Care type WM
- (5) Applicant – Manufacturer – ~~Authorized representative in the Community:~~
I-care sprl
- (6) Address: Rue René Descartes 18
B-7000 Mons
Belgium
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) ISSeP, notified body n° 492 in accordance with article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 to the Directive.
- The examination and test results are recorded in confidential report n° .15065
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- | | |
|--------------------------------|-----------------------|
| EN 60079-0 : 2012 + A11 : 2013 | (IEC 60079-0 : 2011) |
| EN 60079-11 : 2012 | (IEC 60079-11 : 2011) |
| EN 60079-26 : 2007 | (IEC 60079-26 : 2006) |
- (10) If the symbol "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following indications:
-  II 1 G Ex ia IIC T4 Ga
Ex ia IIC T3 Ga

Colfontaine, the

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P.O. Deroceres
M. LAMBERT,
Manager.

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(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP15ATEX0037X

(15)

Description of the equipment or protective system:

« Wireless Vibration Monitor » Wi-Care type WM(a)1212112(b)

Where (a) =

- 1 : 100 mV/G
- 2 : 500 mV/G
- 3 : 1 V/G
- 4 : 10 mV/G
- 5 : 25mV/G
- 6 : 30 mV/G
- 7 : 50 mV/G

(b) =

- 0 : Mono axis
- 1 : Tri axes

Electrical parameters : None

Eventual prescriptions : - 20 °C < Ta < + 73 °C (T4)
- 20 °C < Ta < + 85 °C (T3)

(16)

Report n^r 15065 of 06.07.2015

Composed in total of 29 pages, completed by the following documents:

- « User Manual Wi-Care »
- « Wi-care Marking Layout for Ex certification » of 03.07.2015
- E-mail from the manufacturer of 02.07.2015 about the accelerometer characteristics.
- The drawings :
 - o Boîtier M16x1-07062015 of 1.07.2015 (4 pages)
 - o Icavas5.01mainboard of 21.05.2015
 - o Icavas5.01mainboard.brd of 21.05.2015 (4 pages)
 - o Icavas5.01plugin of 19.05.2015
 - o Icavas5.01plugin.brd of 21.05.2015
 - o CD109, rev. A of 14.05.2015
 - o P03-072(I-Care), rev. A of 07.10.2014
 - o P02-072, rev. A of 21.10.2014
 - o P01-072, rev. B of 27.01.2015
 - o P03-006(I-Care), rev. C of 06.02.2012
 - o P01-006, rev. C of 01.10.2018

(17)

Special conditions for safe use:

Symbol X

- Electrostatic hazards, all precautions shall be taken to avoid all risks of electrostatic charges on the enclosure when the equipment is used in zones where gases of the groups IIB or IIC are present
- The sensors shall be protected against all shocks or impacts

(18)

Essential Health and Safety Requirements: covered by the Standards listed in (9)

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