IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx FTZU 20.0014X**	Page 1 of 4	Certificate history:
Status:	**Current**	Issue No: 1	Issue 0 (2021-10-29)
Date of Issue:	2024-05-31		
Applicant:	**SVANTEK Sp. z o.o.** Strzygłowska 81 04-872 Warszawa **Poland**		
Equipment:	**Noise Dosimeter type SV 104BIS**		
Optional accessory:			
Type of Protection:	**Intrinsic safety**		
Marking:	Ex ia I Ma Ex ia IIC T4 Ga		

Approved for issue on behalf of the IECEx Certification Body: **Dlpl. Ing. Lukáš Martinák**

Position: **Head of the Certification Body**

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

Fyzikalne technicky zkusebni ustav
(Physical -Technical Testing Institute)
Pikartska 7, 71607 Ostrava - Radvanice
Czech Republic

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Certificate No.: **IECEx FTZU 20.0014X**

Date of issue: 2024-05-31

Issue No: 1

Manufacturer: **SVANTEK Sp. z o.o.**
Strzygłowska 81
04-872 Warszawa
Poland

Manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2023 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

CZ/FTZU/ExTR20.0014/01

Quality Assessment Report:

CZ/FTZU/QAR15.0001/09

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The equipment is an intrinsically safe, hand held, personal noise dosimeter. The equipment is consists of the PCBs with electronic circuits, one secondary cell and two microphone inside of a plastic dissipative enclosure with two clips for fixing. The equipment has four external contacts for battery charging and communication in a non-hazardous area.

The optical radiation output of the equipment with respect to explosion protection is covered in this certificate based on Exception 1) to the scope of IEC 60079-28:2015.

Parameters:
Ambient temperature: -10°C to +50°C
Charging parameters: Um = 8 VDC
Degree of protection: IP65

SPECIFIC CONDITIONS OF USE: YES as shown below:
The equipment shall only be charged in non-hazardous area by manufacturer's chargers.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1:

Replaced old microphone module (ST 104B) by the new one (ST 104CIS).

Updated Bill of Material, some non-IS critical components have added possible alternatives.