

EU Declaration of Conformity

No. SV 104BIS-CE-EN/07/2022

Manufacturer: **SVANTEK Sp. z o. o.**

Address: Strzygłowska 81
04-872 Warsaw
Poland

Kind of product: **Intrinsically Safe Personal Noise Dosimeter**

Type: **SV 104BIS**

Directive: **Equipment for Explosive Atmospheres (ATEX) 2014/34/EU**

The FTZÚ, Notified Body number 1026, performed EU-Type Examination and issued the Certificate number **FTZÚ 19 ATEX 0120X**



**I M1
II 1G**

**Ex ia I Ma
Ex ia IIC T4 Ga**

**-10°C < T_{amb} < +50°C
U_m = 8 VDC
IP65**

Quality Assurance Notification: **FTZÚ 14 ATEX Q 004 CE₁₀₂₆**

Standards: EN IEC 60079-0:2018 *Explosive atmospheres Equipment. General requirements*
EN 60079-11:2012 *Explosive atmospheres Equipment protection by intrinsic safety "i"*
EN 50303:2000 *Group I, Category M1 equipment intended to remain functional in atmospheres endangered by firedamp and/or coal dust*

Directive: **Radio Equipment Directive (RED) 2014/53/EU**

Art. 3.1b: **EMC**

Standards: ETSI EN 301 489-1 V2.1.1 *ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU*

ETSI EN 301 489-17 V3.1.1 *ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU*

EN 61000-4-2:2009 *Electromagnetic compatibility (EMC). Testing and measurement techniques. Part 4-2: Electrostatic discharge immunity test*

EN 61000-4-8:2010 *Electromagnetic compatibility (EMC). Part 4-8: Testing and measurement techniques – Power frequency magnetic field immunity test*

EN 61000-4-20:2010 *Electromagnetic compatibility (EMC). Testing and measurement techniques. Part 4-20: Emission and immunity testing in transverse electromagnetic (TEM) waveguides*

Art. 3.2: **RF spectrum**

ETSI EN 300 328 V2.1 *Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU*

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Directive: **Low Voltage Directive (LVD) 2014/35/EU**

Standards: EN 61010-1:2010

Safety requirements for electrical equipment for measurement, control, and laboratory use. Part 1: General requirements

Directive: **Electromagnetic Compatibility Directive (EMC) 2014/30/EU**

Standards: EN 61326-1:2013

Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements

EN IEC 61000-4-3:2020 *Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques. Radiated, radio-frequency, electromagnetic field immunity test*

Directive: **Restriction of Hazardous Substances Directive (RoHS 2) 2011/65/EU**

Directive: **Waste Electrical and Electronic Equipment Directive (WEEE 2) 2012/19/EU**

Auxiliary industry standards:

EN 61672-1:2013

Electroacoustics - Sound level meters - Part 1: Specifications

IEC 61252 ed 1.2 (2017)

Electroacoustics - Specifications for personal sound exposure meters

IEC 61260-1:2014

Electroacoustics - Octave-band and fractional-octave-band filters - Part 1: Specifications

ANSI/ASA S1.25:1991(R2020)

Specification for personal noise dosimeters

I, the undersigned authorised manufacturer representative, declare that this declaration is issued under the sole responsibility of the manufacturer, and that the object to which this declaration relates is in conformity to the above mentioned Directives and Standards.

Place of issue:

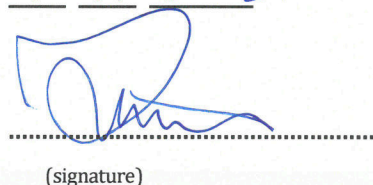
Warsaw, Poland

Date of issue:

18 M 2022

Bogdan Żmuda,

Chief Executive Officer



(signature)