(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 24 ATEX 1 013 X **Revision 1**

(4) Equipment: IS-RSM3x.1 Remote Speaker Microphone

(5) Manufacturer: i.safe MOBILE GmbH

(6) Address: i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany

(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 23TH0481_01.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

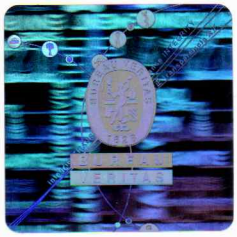
EN IEC 60079-0:2018 **EN 60079-11:2012** **IEC 60079-11:2023**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions of 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

Tuerkheim, 2026-06-25

Dr. Rainer Jany

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.

(13) # Annex

(14) **EU - Type Examination Certificate EPS 24 ATEX 1 013 X** **Revision 1**

(15) Description of equipment:

The IS-RSM3x.1 is an intrinsically safe, active Remote Speaker Microphone for robust use in hazardous areas Zone 1 and 21.

It is equipped with a powerful loudspeaker and two microphones for active noise cancelling. Programmable keys extend the range of functions and make the IS-RSM3x.1 the perfect addition for PTToC (Push-to-talk over Cellular) and Lone Worker Protection applications.

The IS-RSM3x.1 is powered by a replaceable battery with 2200 mAh capacity.

Variants of IS-RSM3x.1:

Name:	Variant:
IS-RSM3A.1	16-pin ISM-Interface
IS-RSM3B.1	Bluetooth
IS-RSM3C.1	13-pin ISM-Interface

Electrical data:

Power supply: Replaceable Li-Ion polymer battery

Interfaces:

The device has two charging contacts for charging outside hazardous areas using an approved charging adapter. The contacts are intrinsically safe for gas and dust.

The IS-RSM3A.1 and IS-RSM3C.1 interfaces can be connected via the ISM interface with compatible communication devices. The following combinations are certified for use with the IS-RSM3x.1. Alternatively, other mobile devices can be used that meet the connection parameters specified in document 1063AD04.

Certified combinations:

Name:	Variant:
IS-RSM3A.1	IS540.1, IS541.1, IS940.1, IS945.1, IS941.1
IS-RSM3C.1	IS380.1, IS530.1, IS330.1

Connections to approved mobile devices must only be established outside of hazardous areas.

The 8-pin circular ISM interface is intrinsically safe for gas and dust and enables the connection of approved headsets inside hazardous areas, making the device multifunctional equipment for industrial applications. The i.safe MOBILE headsets IS-HS4A.1, IS-HDHS3x.1, other headsets approved by i.safe MOBILE or approved intrinsically safe accessories that comply with the connection parameters of the ISM interface in accordance with document 1063AD04 may be used with the 8-pin circular ISM interface.

The headset interface does not have to be closed inside hazardous areas. The connection between the IS-RSM3x.1 and approved headsets can be established inside hazardous areas.

Only the i.safe PROTECTOR 2.0 with the corresponding desktop charger, other accessories approved by i.safe MOBILE or other accessories that ensure U_m = 5.88 V may be used for charging.

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(16) Reference number: 23TH0481_01

(17) Special conditions of use:

The battery may only be charged or replaced outside hazardous areas.

The device must be protected from impacts with high impact energy, against excessive UV light emission and high electrostatic charge processes.

The permitted ambient temperature range is -20 °C ≤ Ta ≤ +55 °C.

(18) Essential health and safety requirements:

Met by compliance with standards.

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