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 EPS 16.0026X**

Certificate history:
Issue 0 (2016-04-21)

Status: **Current**

Issue No: 1

Date of Issue: 2021-07-15

Applicant: **i.safe MOBILE GmbH**
i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany

Equipment: **IS-MP.2 RFID and NFC mobile reader**

Optional accessory:

Type of Protection: **Intrinsic safety "i"**

Marking: Ex ic IIC T4 Gc IP54
Ex ic IIIB T135°C Dc IP54

-20 °C to 60 °C

Approved for issue on behalf of the IECEx Certification Body: **Holger Schaffer**

Position: **Certification Manager**

Signature: (for printed version)

Date: 2021-07-15

ZERTIFIZIERUNGSSTELLE BUREAU VERITAS 1828 Bureau Veritas CPS Germany GmbH

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:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany

BUREAU VERITAS

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Certificate No.: **IECEx EPS 16.0026X**

Date of issue: 2021-07-15

Issue No: 1

Manufacturer: **i.safe MOBILE GmbH**
i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany

Additional 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 Edition:7.0 — Explosive atmospheres - Part 0: Equipment - General requirements

IEC 60079-11:2011 Edition:6.0 — Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

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:

DE/EPS/ExTR16.0026/01

Quality Assessment Report:

DE/EPS/QAR12.0003/12

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

The IS-MP.2 is an intrinsically safe and rugged RFID + NFC mobile reader for the use in hazardous areas of zone 2 and 22. If RFID/NFC TAGs are mounted very close to each other or placed in the corner the small reading tip makes it possible to read the tags, so every equipment can be easily identified. Inside hazardous areas the information can be read directly at the 4 row OLED-display and transferred by Bluetooth. Outside hazardous areas the storage can be read by USB.

The IS-MP.2 is reading from passive TAGs with different frequency combinations.
- LF 125kHz
- LF 134,2 kHz FDX-B + HDX
- HF und NFC 13,56 MHz
- UHF 868 MHz

Different frequency combinations are possible.

SPECIFIC CONDITIONS OF USE: YES as shown below:
The device shall be charged only outside ex-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 to +60°C.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Update IEC 60079-0 (Ed. 7.0)