



(1) **EU-TYPE EXAMINATION CERTIFICATE**  
(Translation)

(2) Equipment or Protective Systems Intended for Use in  
Potentially Explosive Atmospheres - **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number:

**PTB 22 ATEX 5003 X**

**Issue: 0**

(4) Product: Electrostatic charging systems of the iONcharge 4.0 series

(5) Manufacturer: Gema Switzerland GmbH

(6) Address: Sommeraustasse 5, 9200 Gossau, Switzerland

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential Test Report PTB Ex 24-52111.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 50050-2:2013**

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:

 **II Ex 2D IIIB T85 °C Db**

Konformitätsbewertungsstelle, Sektor Explosionsschutz  
On behalf of PTB:

Braunschweig, January 15, 2025

Dr.-Ing. M. Beyer  
Direktor und Professor



Physikalisch-Technische Bundesanstalt  
Nationales Metrologieinstitut

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