



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 25.0034X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2025-07-08		
Applicant:	Pepperl+Fuchs SE Lilienthalstrasse 200 68307 Mannheim Germany		
Equipment:	Intrinsically Safe Smartphone, Type: Smart-Ex 203 DZ2		
Optional accessory:			
Type of Protection:	intrinsic safety "i"		
Marking:	Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc		

Approved for issue on behalf of the IECEx
Certification Body:

Ulrich Feike

Position:

Head of Certification

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:

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





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Manufacturer: **Pepperl+Fuchs SE**
Lilienthalstrasse 200
68307 Mannheim
Germany

Manufacturing
locations: **Pepperl+Fuchs SE**
Lilienthalstrasse 200
68307 Mannheim
Germany

ECOM Instruments GmbH
Industriestrasse 2
97959 Assamstadt
Germany

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

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

[DE/EPS/ExTR25.0032/00](#)

Quality Assessment Report:

[HR/FIDI/QAR24.0001/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The intrinsically safe smartphone of type Smart-Ex 203 DZ2 is a communication device intended for use in explosive hazardous areas.

Electrical supply:

Powered by a replaceable battery pack unit type Ex-BP S203.

See also section "Specific Conditions of Use" and the instruction manual.

Optional electrical accessory:

SM-Ex S203 SR: Scanner Module

Optional non-electrical accessories:

LH-Ex S203: leather holster

LC-Ex S203: leather case with spring clip or with belt clip

CR-Ex S203: cradle with spring clip or with belt clip

RL ID01: retractable lanyard

EXT-C2LCOIL: coil teather

Mini QD Loop: mini disconnect clip with loop

SPECIFIC CONDITIONS OF USE: YES as shown below:

Ambient temperature range without scanner module: $-20\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +60\text{ }^{\circ}\text{C}$

Ambient temperature range with scanner module attached: $-20\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +50\text{ }^{\circ}\text{C}$

Ambient temperature range for charging: $+5\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +45\text{ }^{\circ}\text{C}$ (charging is only permitted outside hazardous areas)

Use the device only in locations where the risk of mechanical hazards is low in accordance with IEC 60079-0.

Do not use the device in the vicinity of processes that generate high electrostatic charges.

No electrical connections allowed to the following interfaces, plugs, or sockets in hazardous areas: USB-C port, charging pads.

Only connect the device to power supplies in non-hazardous areas.

Only connect the device to power supplies that are non-shock hazard extra low voltage types, such as SELV, PELV, ES1, or equivalent.

Only connect to supply units that supply a maximum U_m of 12.6 V.

Only connect to supply units that supply a maximum current (I_m) of 4 A.

Repairs are to be conducted by the manufacturer or an authorized service centre.