



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx EPS 13.0028X issue No.:0 Certificate history: \_\_\_\_\_

Status: **Current**

Date of Issue: **2013-11-04** Page 1 of 3

Applicant: **BARTEC GmbH**  
Max-Eyth-Strasse 16  
97980 Bad Mergentheim  
**Germany**

Electrical Apparatus: **MC959xex-NI type:B7-A293-\*\*\*\*/\*\*\*\*\***  
Optional accessory:

Type of Protection: **ic**

Marking: Ex ic IIC T6 Gc  
Ex ic IIIC T90°C Dc

Approved for issue on behalf of the IECEx  
Certification Body:

Dieter Zitzmann

Position:

Manager Certification

Signature:  
(for printed version)

Date:

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

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





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Manufacturer: **BARTEC GmbH**  
Max-Eyth-Strasse 16  
97980 Bad Mergentheim  
**Germany**

Additional Manufacturing location  
(s):

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 production 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 electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identifying documents, was found to comply with the following standards:

**IEC 60079-0 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition: 6.0

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

*This Certificate **does not** indicate compliance with electrical 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/ExTR13.0029/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/05](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The intrinsically safe MC959x<sup>ex</sup>-NI (B7-A293-\*) is a mobile computer and designed for communications in explosion hazardous areas of zones 2 / 22. It is equipped with camera, Bluetooth, 3.5G WWAN, WLAN, IrDA connection and vibration alert. The permitted ambient temperature range is -20°C to +50°C.

The power supply battery pack is mounted on the back of the computer. The battery pack contains four Li-ion cell packs and a current and power-limiting safety circuit. The battery pack is charged without being removed via a connector in the base unit or by removing and directly charging it on the station.

### CONDITIONS OF CERTIFICATION: YES as shown below:

The battery pack shall be changed or charged only outside ex-hazardous areas.

Connection is only allowed outside ex-hazardous areas. (Except data connection with RFID modules)

The test for impact according to IEC 60079-0 sub clause 26.4.2 was done only with low impact energy. The device must be protected from impacts with high impact energy.

As an option the MC959x<sup>ex</sup>-NI (B7-A2Z0-\*) operated with RFID modules B7-A2Z0-0020, B7-A2Z0-0021, B7-A2Z0-0022 or B7-A2Z0-0023 and with the trigger handle B7-A2Z0-0024 are permitted to be used.