



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

Certificate No.: IECEx OBAC 15.0003U Issue No: 0 Certificate history:
Issue No. 0 (2015-12-08)

Status: **Current** Page 1 of 4

Date of Issue: **2015-12-08**

Applicant: **ZW Radiolex Sp. z o.o.**
Przemysłowa 8
83-000 Pruszcz Gdański
Poland

Electrical Apparatus: **Metal enclosures of RSA-ATEX and OZ-ATEX type**
Optional accessory:

Type of Protection: **increased safety "e"; protection by enclosure "t"**

Marking:
Ex eb II Gb
Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

Piotr Tarnawski

Position:

Head of Certification Body ExCB

Signature:
(for printed version)

Date:

08th December 2015

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:

Osrodek Badan, Atestacji i Certyfikacji OBAC Sp. z o.o.
ul. Torunska 27
44-122 Gliwice
Poland





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Manufacturer: **ZW Radiolex Sp. z o.o.**
Przemysłowa 8
83-000 Pruszcz Gdański
Poland

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 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 electrical apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-31 : 2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7 : 2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

*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:

[PL/OBAC/ExTR15.0003/00](#)

Quality Assessment Report:

[PL/OBAC/QAR15.0002/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The empty enclosures of RSA-ATEX and OZ-ATEX type made of steel are intended for installation of electrotechnical apparatus to be used in potentially explosive atmospheres. The enclosure is a connection of body with a door fastened to the body with the use of 1000-U134 locks manufactured by EMKA (for RSA-ATEX type), or with a cover fastened to the body using cross recessed screws (for OZ-ATEX type).

Schedule of Limitations

- Only certified cable entries and blanking elements of "e" increased safety, protected from dust ignition using "tb"-type enclosures of min. IP66 protection degree, shall be used in the enclosures concerned. The number of openings planned for installation of introduction elements cannot weaken the enclosure side walls and unfavourably affect the component's explosive protection.
- Installation of electrical components requires additional consideration and assessment by an ExCB.
- Range of ambient temperature: $-30^{\circ}\text{C} \leq T_{\text{amb}} \leq +80^{\circ}\text{C}$.

CONDITIONS OF CERTIFICATION: NO



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Additional information:

Technical data

Overall dimensions:

RSA-ATEX (width x height x depth) mm

min. 200 x 300 x 150

max. 800 x 1200 x 400

OZ-ATEX (width x height x depth) mm

min. 150 x 150 x 80

max. 400 x 300 x 120

Ambient temperature: -30 °C to +80 °C

Degree of protection: IP66 acc. to IEC 60529