



Physical Technical Testing Institute  
Ostrava – Radvanice



## EC-Type Examination Certificate

(1)

(2)

Equipment or Protective Systems Intended for Use  
in Potentially Explosive Atmospheres  
(Directive 94/9/EC)

(3) EC-Type Examination Certificate Number:

**FTZÚ 13 ATEX 0008X**

(4) Equipment or protective system: **Communication device OKO X3y3**

(5) Manufacturer: **Aiut sp. z o.o.**

(6) Address: **ul. Wyczółkowskiego 113, 44-109 Gliwice, Poland**

(7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°:

**13/0008 dated 03.06.2013**

(9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2009, EN 60079-11:2012, EN 60079-26:2007**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and testing of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:

**Ⓔ II 1G Ex ia IIB T3 Ga**

This EC-Type Examination Certificate is valid till: **03.06.2018**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 03.06.2013

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This certificate may only be reproduced in its entirety and without any change, schedule included.

FTZÚ, s.p., Pikartská 1337/7, 716 07 Ostrava-Radvanice, Czech Republic,  
tel +420 595 223 111, fax +420 596 232 672, ftzu@ftzu.cz, www.ftzu.cz



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Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0008X**

(15) Description of Equipment or Protective System:

The Communication device OKO X3\*3 – 21\*\* is an intrinsically safe device, that consists of plastic enclosure, battery pack and electronics. The device is mounted on gas meters and is designed to calculate the gas flow volume and then transmit the data via wireless interface SRD or GSM. The device is powered by the set of primary Li-SOCI2 cells what ensures its long lifetime. LCD display delivers information about a current reading and the status of the device. There are no external electrical connections with other circuit – only wireless transmission is used.

Tamb: -40°C ... +55°C.

(16) Report No.: 13/0008

(17) Special conditions for safe use:

- [1] Ambient temperature range is -40°C...+55°C
- [2] The enclosure shall be protected by any means against the danger of electrostatic discharge
- [3] If it is necessary to open the enclosure, the device must be protected by any means against moisture and dust

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standard mentioned in (9), according which the product was verified and in the manufacturer's instruction for use.

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(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0008X**

(19) List of Documentation:

- [1] 03-164.09.01; 01.2013; Ver.1.3; Ex documentation for OKO X3y3-21w1; 36 pages + PCB files  
[2] Annexes (see list below)

Annexes list:

Number:	Date/Version:	Original title:	Pages:	
1	03-164.09.01	03.2013/1.1	<i>Minimum content of User Manual</i>	7
2	03-164.09.01	2013.01.24/1.1	<i>Plytka drukowana OKO xxx3-xxx1</i>	37
3	03-164.09.01	2013.03.07/1.1	<i>Plytka drukowana OKO xxx3-xxx2</i>	36
4	03-164.09.01	2013.05.06/1.0	<i>Plytka drukowana uSIM xxx3-xxx3</i>	6
5	03-164.09.01	2013.01.16/1.1	<i>Plytka drukowana PULSE xxx3-xxx2</i>	10
6	03-164.09.01	2013.05.09/1.3	<i>Plyta drukowana ABAT L145-5103-0001</i>	9
7	03-164.09.01	2013.05.13/1.4	<i>OKO xxx3-xxx1</i>	19

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