



(1) **Supplementary EU - Type Examination Certificate No.2**

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

(3) EU - Type Examination Certificate number:

**FTZÚ 15 ATEX 0110X**

(4) Product: **Stationary Photoionization Detector type SPID2\***

(5) Manufacturer: **Analytical Control Instruments GmbH (ACI GmbH)**

(6) Address: **Volmerstraße 9A, D-12489 Berlin, Germany**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 15 ATEX 0110X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

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

**EN IEC 60079-0:2018, EN 60079-1:2014**

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

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

 **II 2G Ex db IIC T6 Gb**

(12) This certificate is valid till: **31.07.2027**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 15.07.2022

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Physical-Technical Testing Institute  
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 2  
to FTZÚ 15 ATEX 0110X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standard EN IEC 60079-0:2018.
- Extension of certificate validity.

Design and technical parameters of the product remain unchanged.

(16) Report Number: 15/0110/2

(17) Specific Conditions of Use:

1. Ambient temperature range:  $-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ .
2. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.

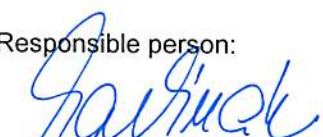
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

Number	Revision	Sheets	Date	Description
--	1.03.030	64	13.06.2022	User manual

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 15.07.2022

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tel.: +420 595 223 111, +420 604 203 525, e-mail: ftzu@ftzu.cz, www.ftzu.cz



(1) **Supplementary EU - Type Examination Certificate No.1**

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

(3) EU - Type Examination Examination Certificate number:

**FTZÚ 15 ATEX 0110X**

(4) Product: **Stationary Photoionization Detector type SPID2-\***

(5) Manufacturer: **Analytical Control Instruments GmbH (ACI GmbH)**

(6) Address: **Volmerstraße 9A, D-12489 Berlin, Germany**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 15 ATEX 0110X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.


(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

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

**EN 60079-0:2012+A11:2013, EN 60079-1:2014**

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

 **II 2G Ex db IIC T6 Gb**

(12) The certificate is valid till: **17.05.2022**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.05.2017

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**Physical-Technical Testing Institute  
Ostrava - Radvanice**

(13)

**Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 1  
to FTZÚ 15 ATEX 0110X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the new editions of the standards: EN 60079-0:2012+A11:2013 and EN 60079-1:2014.
- Prolongation of certificate validity.
- The supplementary certificate verifies following modification of equipment:
  - Filter port body is alternatively modified.

Technical parameters of the product remain unchanged.

(16) Report Number.: 15/0110/1 dated 17.05.2017

(17) Specific Conditions of Use:

1. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.
2. Ambient temperature range:  $-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ .

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

Number	Version	Sheets	Date	Description
--	1.07	60	05/2017	User manual
--	1.07	20	04.05.2017	Product manual
XBG00020	0.00	1	20.02.2017	Drawing
XBG00014	3.03	2	20.02.2017	Drawing
XET00033	1.01	1	26.08.2016	Drawing
XET00035	0.00	1	20.02.2017	Drawing

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.05.2017

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## EC-Type Examination Certificate

- (1) **EC-Type Examination Certificate**  
(2) **Equipment or Protective Systems Intended for Use  
in Potentially Explosive Atmospheres  
(Directive 94/9/EC)**

(3) EC-Type Examination Certificate Number:

**FTZÚ 15 ATEX 0110X**

- (4) Equipment: **Stationary Photoionization Detector type SPID2-\***  
(5) Manufacturer: **Analytical Control Instruments GmbH (ACI GmbH)**  
(6) Address: **Volmerstraße 9A, D-12489 Berlin, Germany**  
(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°:

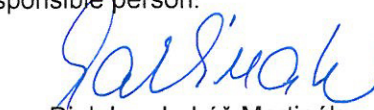
**15/0110 dated 21.09.2015**

- (9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012, EN 60079-1:2007**  
(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:

**Ex II 2G Ex d IIC T6 Gb**

This EC-Type Examination Certificate is valid till: **21.09.2020**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 21.09.2015

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Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 15 ATEX 0110X**

(15) Description of Equipment:

Enclosures with sight glass is separately certified as empty flame proof enclosure, certificate FTZÚ 03 ATEX 0207U.

The photo ionization detector SPID2-\* is designed for to detect and measure vaporous organic compounds in ambient air in atmospheric conditions. The detector consists of flame proof enclosure equipped with the sampling pump and electronic circuits.

Gas inlet, gas outlet and clean air inlet are separated from environment by three sinters.

Enclosure is equipped with M20x1.5 threaded hole for installation of appropriate certified Ex equipment cable glands for direct entry.

The measuring function according to annex II paragraph 1.5.5 of the directive 94/9/EC is not matter of this EC-type examination.

**Technical specification:**

Rated voltage: 9VDC ÷ 36VDC

Maximum power dissipation: 4 W

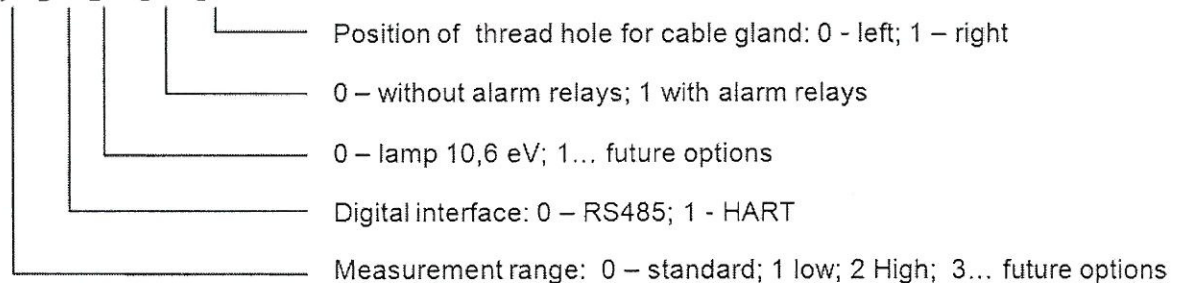
Outputs:

RS485 or HART digital interface

Relay, 30 V DC / 2A (type SPID2-\*S1\*)

**Type key:**

SPID2 - R\* - D\* - L\* - S\* - C\*



(16) Report No.: 15/0110

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 15 ATEX 0110X**

(17) Special conditions for safe use:

17.1 Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.

17.2 Ambient temperature range:  $-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ .

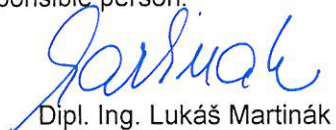
(18) Essential Health and Safety Requirements:

They are included in standards, which are mentioned in clause (9) of this certificate according which was equipment certified and in the documentation elaborated by manufacturer.

(19) List of Documentation:

<i>Document No.:</i>	<i>Date:</i>
XBG00013 rev 3.03	21.05.2015
XBG00014 rev 1.01	21.05.2015
XBG00015 rev. 0,02	17.09.2015
XBG00016 rev 1.01	21.05.2015
XBG00017 rev. 2.02	21.05.2015
XBG00018 rev. 0.00	17.09.2015
XET00025 rev. 2.02	14.04.2015
XET00026 rev.0.01	14.04.2015
XET00027 rev.0.01	14.04.2015
XET00028 rev.0.01	14.04.2015
XET00029 rev.0.01	14.04.2015
XET00031 rev.0.01	16.09.2015
Product manual version 1.05	18.09.2015
User manual version 1.00	09/2015

Responsible person:

  
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