



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 0162U

(4) Component: **Empty enclosure type XP**

(5) Manufacturer: **GENERI, s.r.o.**

(6) Address: **Uničovská 50, 787 01 Šumperk, Czech Republic**

(7) This Component 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°:

13/0162 dated 24 March 2014

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

EN 60079-0:2012; EN 60079-7:2007; EN 60079-31:2009

(10) The sign „U“ placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(11) This EC-TYPE EXAMINATION CERTIFICATE relates only to design, examination and testing of the specified component in accordance to the Directive 94/9/EC. If applicable, further requirements of the Directive apply to the manufacture and supply of this component.

(12) The marking of the component shall include the following:



II 2G Ex e IIC Gb



II 2D Ex tb IIC Db

This EC-Type Examination Certificate is valid till: **31.03.2019**

Responsible person:

Lukáš Martinák

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 25.03.2014

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This certificate is granted subject to the general conditions of the FTZÚ, s.p.
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



Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0162U**

(15) Description of Component:

The empty enclosures type XP are produced from polyester and can be provided with approved Ex components according to ATEX, such as plug -in connectors , modular terminal blocks , connecting terminals and switches, in any combination. The housing can be used in increased safety in the zones 1 and 2 as well as 21 and 22 like enclosure „tb“.

Types	A (length) mm	B (breadth) mm	C (high) mm
XP 080806	80	75	55
XP 080808	80	75	75
XP 110806	110	75	55
XP 160806	160	75	55
XP 190806	190	75	55
XP 121209	122	120	90
XP 161609	220	120	90
XP 221209	160	160	90
XP 261609	260	160	90
XP 361609	360	160	90
XP 561609	560	160	90
XP 202512	200	250	120
XP 252512	255	250	120
XP 252516	255	250	160
XP 402512	400	250	120
XP 402516	400	250	160
XP 404012	400	400	120
XP 602512	600	250	120
XP 602516	600	250	160

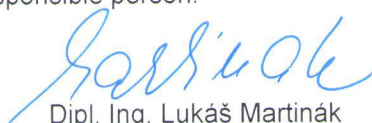
Further identically constructed enclosures can be manufactured with in-between sizes

Technical Data:

Operation temperature range: $-40^{\circ}\text{C} \leq T_{\text{serv}} \leq +105^{\circ}\text{C}$

Degree of protection: IP 66

Responsible person:


Dipl. Ing. Lukáš Martinák

Head of Certification Body



Date of issue: 25.03.2014

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Physical Technical Testing Institute
Ostrava – Radvanice

Schedule

(13)

(14) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0162U**

(16) Report No.: 13/0162

dated 24.03.2014

(17) Schedule of Limitations: --

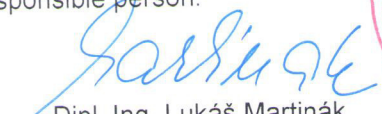
(18) Essential Health and Safety Requirements:

Covered by standards are mentioned in clause (9) of this certificate.

(19) List of Documentation:

- Operating manual N° N 740100 dated 13.11.2013
- Drawing N° G-2-900015 dated 07.11.2013

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 25.03.2014

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

- (2) **Component Intended for use on/in an Equipment or Protective System
Intended for use in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

- (3) EU - Type Examination Certificate number:

FTZÚ 13 ATEX 0162U

- (4) Product: **Empty enclosure type XP**
- (5) Manufacturer: **GENERI s.r.o.**
- (6) Address: **Uničovská 50, 787 01 Šumperk, Czech Republic**
- (7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 13 ATEX 0162U 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 60079-7:2015, EN 60079-31:2014
- (11) The marking of the product shall include the following:

 **II 2G Ex eb IIC Gb**

 **II 2D Ex tb IIIC Db**

- (12) This certificate is valid till: **31.03.2024**

Responsible person:

V. E. Jaf

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 27.03.2019

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 1
to FTZÚ 13 ATEX 0162U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standards EN 602079-7:2015 and EN 60079-31:2014;
- Prolongation of certificate validity.

Technical parameters and construction remain unchanged.

(16) Report Number.: 13/0162/1

(17) Schedule of Limitations: --

(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	Sheets	Issue	Date	Description
N740100	2	2	23.01.2019	Operating instructions
G-2-900015/2	1	-	23.01.2019	Drawing

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 27.03.2019

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