



## EC-Type Examination Certificate

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(2)

Equipment or Protective Systems Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC

(3) EC-Type Examination Certificate Number:

**FTZÚ 10 ATEX 0097U**

(4) Component: **Explosion proof control head type X..**

(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°

**10/0097 dated 18 November 2010**

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

**EN 60079-0:2009; 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 following:



**I M2 Ex e I Mb**



**II 2G Ex e IIC Gb**



**II 2D Ex t IIC Db IP 67**

This EC-Type Examination Certificate is valid till: **30.11.2015**

Responsible person:

*v.j. Šindler*  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 22.11.2010

Number of pages: 3  
Page: 1/3

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Physical Technical Testing Institute  
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 10 ATEX 0097U**

(15) Description of Component:

Explosion proof control head type X.. is determined for installation into the cover or enclosure wall of electrical equipment with type of protection "e" or "t".

Head types: **XSV** – head for cam switch

**XMB** – head for emergency stop actuator

**XPB** – head of pushbutton actuator

**XRP** – head of potentiometer

Control heads are suitable for equipment of group I/II with mechanical resistivity: high

Installation in enclosure with wall thickness: 0.5 to 9 mm

Throughhole : Ø 22,2 mm

Degree of protection: IP 67

Ambient temperature: I M2 Ex e I Mb 0°C to +85°C

II 2G Ex e IIC Gb -60°C to +85°C

II 2D Ex t IIC Db IP 67 -60°C to +85°C

(16) Report No. : 10/0097

dated 18.11.2010

(17) Schedule of Limitations: none

(18) Essential Health and Safety Requirements:

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

18.2 At installation and operation of motor observe requirements of manual No. N740086 dated 20.04.2010

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 22.11.2010

Number of pages: 3

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 10 ATEX 0097U**

(19)

**LIST OF DOCUMENTATION**

- Installation instructions No. N740086 dated 20.04.2010
- Technical conditions No. TP 995054 dated 20.04.2010
- Drawing of explosion proof rotary head type XSV No. G-3-902834/1 dated 20.04.2010
- Drawing of explosion proof rotary head type XRP No. G-3-902834/2 dated 20.04.2010
- Drawing of explosion proof control head type XPB No. G-3-902836 dated 20.04.2010
- Drawing of explosion proof control head type XMB No. G-3-902837 dated 20.04.2010

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 22.11.2010

Number of pages: 3

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## Supplement No. 1 to EC-Type Examination Certificate

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

(3) EC-Type Examination Certificate Number:

**FTZÚ 10 ATEX 0097U**

(4) Component: **Explosion proof control head type X..**

(5) Manufacturer: **Generi s.r.o.**

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

(7) This supplement of certificate is valid for: - prolongation validity of the certificate  
- recertification according new standard

(8) Modification of certified component and any of its approved variants are specified in documentation, a list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination 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.

(10) Safety requirements of modified parts were fulfilled by satisfying of the following standards:

**EN 60079-0:2012; EN 60079-7:2007; EN 60079-31:2013**

(11) Marking of component shall contain symbols:



**I M2 Ex e I Mb**



**II 2G Ex e IIC Gb**



**II 2D Ex tb IIIC Db**

(12) This type examination certificate is valid till: **30.11.2020**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 25.11.2015

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**Physical Technical Testing Institute  
Ostrava – Radvanice**

(13) **Schedule**

(14) **Supplement No. 1 to  
EC-Type Examination Certificate N° FTZÚ 10 ATEX 0097U**

(15) Description of Component:

- a) Explosion proof control head type X.. are recertified according new standards EN 60079-0:2012 and EN 60079-31:2013
- b) Change in size of the through hole: Ø 22.5 mm.

(16) Report No.: 10/0097-1 dated 23.11.20015

(17) Schedule of Limitations: none

(18) Essential Health and Safety Requirements:  
Covered by standards mentioned in (10).

(19) List of Documentation: --

- Installation instructions No. N740086\_ed.2 dated 15.11.2015
- Technical conditions No. TP 995054/rev1 dated 14.11.2015
- Drawing of explosion proof rotary head type XSV No. G-3-902834/1 REV1 dated 14.11.2015
- Drawing of explosion proof rotary head type XRP No. G-3-902834/2 REV1 dated 14.11.2015
- Drawing of explosion proof control head type XPB No. G-3-902836 REV1 dated 15.11.2015
- Drawing of explosion proof control head type XMB No. G-3-902837 REV1 dated 14.11.2015

Responsible person:

*12*  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 25.11.2015

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This supplement to 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





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

- (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 10 ATEX 0097U**

- (4) Product: **Explosion proof control head type X..**
- (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 10 ATEX 0097U 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 60079-7:2015+A1:2018, EN 60079-31:2013**

The sign „U“ is placed after the certificate number. It 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) The marking of the product shall include the following:

	<b>I M2</b>	<b>Ex eb I Mb</b>
	<b>II 2G</b>	<b>Ex eb IIC Gb</b>
	<b>II 2D</b>	<b>Ex tb IIC Db</b>

- (12) This certificate is valid till: **31.03.2027**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.03.2022

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

(13)

**Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 2  
to FTZÚ 10 ATEX 0097U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standards: EN IEC 60079-0:2018, EN 60079-7:2015+A1:2018.
- Extension of certificate validity.

Construction and technical parameters of product remain unchanged.

(16) Report Number: 10/0097/2

(17) Schedule of Limitations:

- Service temperature range: I M2 Ex eb I Mb 0°C to +85°C  
II 2G Ex eb IIC Gb -60°C to +85°C  
II 2D Ex tb IIIC Db -60°C to +85°C.
- When the explosion proof control head type X.. is installed in the equipment, the conditions specified in the User Manual of Ex component No. N740086/2 dated 03.08.2020 must be met.

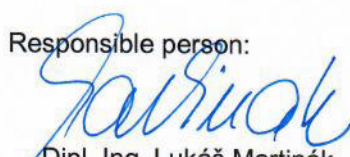
(18) Essential Health and Safety Requirements:

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
G-3-902834/1	2	1	03.08.2020	Certification drawing XSV
G-3-902834/2	2	1	03.08.2020	Certification drawing XRP
G-3-902836	2	1	03.08.2020	Certification drawing XPB
G-3-902837	2	1	03.08.2020	Certification drawing XMB
N740086	2	2	03.08.2020	User manual

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.03.2022

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