



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 05 ATEX 0097

(4) Equipment or protective system: **Ex thread adapter type „R“ and Ex blanking elements type „Z“**

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

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

(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°

05/0097 dated 31 August 2005

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:

EN 60079-0:2004; EN 60079-1:2004; EN 60079-7:2003; EN 50281-1-1:1998

(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 following:

 **II 2GD EEx d IIC/ EEx e II** only for type M12 R...

 **IM2 / II 2GD EEx d I/ IIC /EEx e I/II**

This EC-Type Examination Certificate is valid till: **31 of August 2010**

Responsible person:


Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 31 of August 2005

Number of pages: 2
Page: 1/2

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.
This certificate may only be reproduced in its entirety and without any change, schedule included.



Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 05 ATEX 0097**

(15) Description of Equipment or Protective System:

Ex thread adapters and blanking elements are made of brass or surface nickel-plated steel or stainless steel. Ex thread adapters and blanking elements with non-tapered thread are supplied with sealing „O“ rings. The degree of protection IP 65. Ambient temperature -55°C to + 105°C.

Ex thread adapters type „R“ are produced in two constructional variants and with various combination of connection threads. The thread combinations are designed to ensure sufficient mechanical endurance of adapter and simultaneously the requirements of given type of explosion protection were satisfied.

Ex blanking elements type „Z“ are produced in various sizes and thread types with hexagonal head or cylindrical head modified for spanner. Also Ex blanking elements design is submit to explosion-proof requirements and sufficient mechanical strength.

(16) Report No. : FTZÚ No. 05/0097 dated 31.08. 2005

(17) Special conditions for safe use: --

(18) Essential Health and Safety Requirements:

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

(19) LIST OF DOCUMENTATION

- | | | |
|--|-------------|------------------|
| ➤ Technical description No. | 995051/2 | dated 25.08.2005 |
| ➤ User's manual No. | N 740061 | dated 30.08.2005 |
| ➤ Table of adapter and blanking elements | | dated 30.08.2005 |
| ➤ Drawing No. | G-4-610 147 | dated 31.08.2005 |

Responsible person:


Dipl. Ing. Sindler Jaroslav

Head of certification body



Date of issue: 31 of August 2005

Number of pages: 2

Page: 2/2

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.
This certificate may only be reproduced in its entirety and without any change, schedule included.



(1) **Supplement No. 1 to
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 05 ATEX 0097

(4) Equipment or protective system: **Ex thread adapter type „R“ and Ex blanking elements type „Z“**

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

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

(7) This supplement of certificate is valid for: - modification of certified apparatus
- new model (variant) – extension of series
- prolongation of certificate validity

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

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains other requirements which the manufacturer shall fulfil before products are placed on the market or introduced in service.

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

**EN 60079-0:2009; EN 60079-1:2007; EN 60079-7:2007;
EN 60079-31:2009;**

(11) Marking of equipment shall contain symbols:

 **I M2 Ex d I Mb / Ex e I Mb** next to type M 12 R ...

 **II 2G Ex d IIC Gb / Ex e IIC Gb**

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

(12) This type examination certificate is valid till: **31.01.2016**

Responsible person: 

Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 18.01.2011

Number of pages: 2
Page: 1/2

This supplement to certificate is granted subject to the general conditions of the Physical Technical Testing Institute.
This supplement to certificate may only be reproduced in its entirety and without any change, schedule included.



Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14)

Supplement No. 1 to
EC-Type Examination Certificate N° FTZÚ 05 ATEX 0097

(15) Description of Equipment or Protective System:

- a) Ex thread adapter type „R“ and Ex blanking elements type „Z“ is recertified according standards EN 60079-0:2010, EN 60079-1:2008, EN 60079-7:2007 and EN 60079-31:2010
- b) The change of new type flat gasket application.
- c) The change of Degree of protection IP 67
- d) The change of Ambient temperature:

I M2 Ex d I Mb / Ex e I Mb	0°C to +85°C
II 2G Ex d IIC Gb / Ex e IIC Gb	-60°C to +85°C
II 2D Ex t IIIC Db IP 67	-60°C to +85°C

(16) Report No. : 05/0097-1

dated 11.01.2011

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (10) of this supplement.

(19) LIST OF DOCUMENTATION

- Technical description No. 995051/2 rev. 4 dated 20.05.2010
- User's manual No. N 740061 rev.3 dated 01.09.2010
- Table of adapter and blanking elements dated 30.08.2005
- Drawing No. G-4-610 147 dated 31.08.2005

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 18.01.2011

Page: 2/2

This supplement to certificate is granted subject to the general conditions of the Physical Technical Testing Institute.
This supplement to certificate may only be reproduced in its entirety and without any change, schedule included.



(1) **Supplement No. 2 to
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 05 ATEX 0097

(4) Equipment or protective system: **Ex thread adapter type „R“ and Ex blanking elements type „Z“**

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

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

(7) This supplement of certificate is valid for: - prolongation of certificate validity

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

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains other requirements, which the manufacturer shall fulfil before products are placed on the market or introduce in service.

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

EN 60079-0:2009; EN 60079-1:2007; EN 60079-7:2007; EN 60079-31:2009

(11) Marking of equipment shall contain symbols:

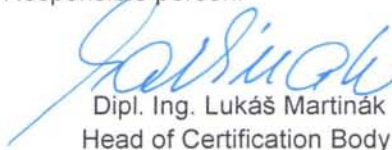
 **I M2 Ex d I Mb / Ex e I Mb** without type M 12 R ...

 **II 2G Ex d IIC Gb / Ex e IIC Gb**

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

(12) This type examination certificate is valid till: **30.09.2016**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 17.03.2016

Page: 1/2

This supplement to certificate is granted subject to the general conditions of the FTZÚ, s.p.
This supplement to certificate may only be reproduced in its entirety and without any change, schedule included.



Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Schedule

(14)

Supplement No. 2 to
EC-Type Examination Certificate N° FTZÚ 05 ATEX 0097

(15) Description of Equipment or Protective System:

Subject of this supplement is prolongation of validity certificate for a period 6 months, i.e. period for finish of tests according to newest standards.

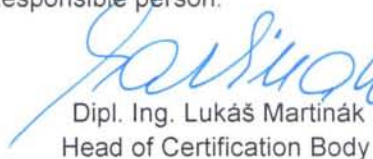
(16) Report No.: 05/0097-2 dated 16.03.2016

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in clause (10) of this supplement.

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 17.03.2016

Page: 2/2

This supplement to certificate is granted subject to the general conditions of the FTZÚ, s.p.
This supplement to certificate may only be reproduced in its entirety and without any change, schedule included.