



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 01 ATEX 0074U

- (4) Equipment or protective system: **Stainless steel box XN, XN p**
- (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°

01/0074 dated 27 February 2002

- (9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN 50014:1997+A1,A2; EN 50019:2000 EN 50281-1-1:1998 EN 60529:1993;
- (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:

 **I M2 EEx e I**
 **II 2G/D EEx e II**

This EC-Type Examination Certificate is valid till: **27.02.2007**

Responsible person:


Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 27.02.2002

Number of pages: 1/3

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 01 ATEX 0074U

(15) Description of Equipment or Protective System:

Boxes XN and XN p are made from stainless steel plate quality 17 241 – ČSN 42 0002. Degree of protection is IP 66

Cover of the box XN is designed with stainless steel locked screws. Cover of the box XN p is made with hinges and stainless steel locks. Polyurethane foam or neoprene is used as gasket. Empty box could be assembled with approved terminal or equipment in explosion proof design "e", "d", "m", "ia", "ib".

(16) Report No. : 01/0074

dated 27 January 2002

(17) Special conditions for safe use:

17.1. The boxes have to be equipped by increased safety cable glands of approved type.

17.2. $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}$

(18) Essential Health and Safety Requirements:

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

Responsible person:


Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 27.02.2002

Number of pages: 2/3

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 01 ATEX 0074U**

(19)

Tab. 1 – type of boxes with locked screws

Box type	Dimensions [mm]		
	width	high	depth
XN 15 15 09	150	150	90
XN 20 15 09	200	150	90
XN 20 20 09	200	200	90
XN 30 15 09	300	150	90
XN 30 20 09	300	200	90
XN 30 30 09	300	300	90
XN 40 20 09	400	200	90
XN 40 30 09	400	300	90
XN 40 40 09	400	400	90
XN 56 40 09	560	400	90
XN 30 20 15	300	200	150
XN 30 30 15	300	300	150
XN 40 20 15	400	200	150
XN 40 30 15	400	300	150
XN 40 40 15	400	400	150
XN 56 40 15	560	400	150
XN 40 30 19	400	300	190
XN 40 40 19	400	400	190
XN 56 40 19	560	400	190
XN 80 40 19	800	400	190

Tab. 2 – type of boxes with hinge and lock

Box type	Dimensions [mm]		
	width	high	depth

XN 30 15 09 p	300	150	90
XN 30 20 09 p	300	200	90
XN 30 30 09 p	300	300	90
XN 40 20 09 p	400	200	90
XN 40 30 09 p	400	300	90
XN 40 40 09 p	400	400	90
XN 56 40 09 p	560	400	90
XN 30 20 15 p	300	200	150
XN 30 30 15 p	300	300	150
XN 40 20 15 p	400	200	150
XN 40 30 15 p	400	300	150
XN 40 40 15 p	400	400	150
XN 56 40 15 p	560	400	150
XN 40 30 19 p	400	300	190
XN 40 40 19 p	400	400	190
XN 56 40 19 p	560	400	190
XN 80 40 19 p	800	400	190

LIST OF DOCUMENTATION

- Drawing N° G-2-900009 dated from 17.7. 2000
- Drawing plate N° G-4-190093/1 29.3. 2000
- Drawing plate N° G-4-190093/2 29.3. 2000