



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 03 ATEX 0237 U

- (4) Component: **Flameproof potentiometer, model X 195RP**
(5) Manufacturer: **GENERI, spol. 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°
03/0237 dated 19 January 2004

- (9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN 50014:1997+A1+A2 EN 50018:2000 EN 50 281-1-1:1998
- (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 M 2 / II 2GD EEx dm II IIC**

This EC-Type Examination Certificate is valid till: **31 January 2009**

Responsible person:


Mr. Jaroslav Šindler
Head of certification body



Date of issue: 21 January 2004

Number of pages: 1/2

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**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 03 ATEX 0237 U**

(15) Description of Component:

The body of the potentiometer is installed in the enclosure made of steel. The wheel of the potentiometer make with the enclosure a cylindrical joint. The opposite side of the potentiometer with the wires is sealed with compound acc. standard for hermetization.

The assembly of the potentiometer is classified as EEx dm IIC .

(16) Report No. : 03/0237

46 pages

(17) Schedule of Limitations:

$T_{operate,max}$: 70°C

(18) Essential Health and Safety Requirements:

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

(19) LIST OF DOCUMENTATION

➤ Drawings No:

Flameproof potentiometer	G-3-902820/2	dated	04.09.2003
Enclosure of the potentiometer	G-4-170014	dated	05.09.2003
Wheel "A"	A 726..	dated	unlisted

➤ Technological prescription for sealing T730017 dated 01.09.2003

➤ Lay-out of the label dated 05.09.2003

Responsible person:


Mr. Jaroslav Sindler
Head of certification body



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