



Physical Technical Testing Institute  
Ostrava-Radvanice



## EC-Type Examination Certificate

- (1)  
(2) **Equipment or Protective Systems Intended for use  
Directive 94/9/EC**

- (3) **EC-Type Examination Certificate Number:**

**FTZÚ 03 ATEX 0381**

- (4) **Equipment or protective system: Flameproof enclosure type X570BR2**

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

- (6) **Address: Uničovská 50, 787 01 Šumperk, ČR**

- (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°  
**03/0381 dated 12 December 2003**

- (9) Compliance with Essential Health and safety requirements has been assured by compliance with:  
**EN 50014:1997 + A1, A2      EN 50018:2000      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 IIB T6 T 60°C**

This EC-Type Examination Certificate is valid till: **31.12.2008**

Responsible person:

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



Date of issue: **10.12.2003**

Number of pages: **1/3**

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 03 ATEX 0381**

(15) Description of Equipment or Protective System:

The flameproof enclosure X570BR2 consists of the journal placed on central shaft of printing machine that goes through cylindrical steel flange of flameproof enclosure. The flange is fixed on bearing box of the machine. The Angle Encoder is fixed in the flange. The electrical enter in to the enclosure is realised by the cable gland in protection EEx „d“. The free volume of enclosure is maximum 2000cm<sup>3</sup>. The circular steel cover makes together with he flange planar gap of enclosure.

*The parameters of inbuilt Angle Encoder HEIDENHAIN RCN 727:*

$U_N = 5 \text{ V DC } \pm 5\%$ ,  $I_N = 350 \text{ mA}$ ,  $P_{z \text{ max}} = 30 \text{ W}$

(16) Report No. : 03/0381

(17) Special conditions for safe use: none

(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: 16.12.2003

Number of pages: 2/3

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