



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 0312

- (4) Equipment or protective system: **Differential pressure transducer type 604**

- (5) Manufacturer: **Huba Control AG,**

- (6) Address: **Industriestrasse 17, Würenlos, Switzerland**

- (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°

03/0312 dated 19. September 2003

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

EN 50014:1997 + A1, A2;

EN 50020:2002

- (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 2G EEx ia IIC T6**

This EC-Type Examination Certificate is valid till: **30. 09. 2008**

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 30 of September 2003

Number of pages: 3
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Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 03 ATEX 0312**

(15) Description of Equipment or Protective System:

The differential pressure transducer type 604 is designed for signalling of differential pressure exceeding. It is equipped with mechanical indicator of pre-set differential pressure and contact switch. The device is according to EN 50020:2002, clause 5.4 a simple apparatus, which must be connected into approved intrinsically safe circuit.

Input parameters:

$U_i = 24 \text{ V}$; $L_i = 0$; $C_i = 0$

(16) Report No.: 03/0312 (13 pages)

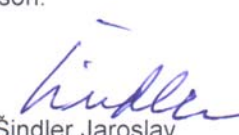
(17) Special conditions for safe use: -

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9).

Responsible person:

Date of issue: 30 of September 2003


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Schedule

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(19)

LIST OF DOCUMENTATION

1. Catalogue data of differential pressure transducer type 604 No. 604.15001c
2. Drawings of manufacturer plate