



(1) **EC-TYPE EXAMINATION CERTIFICATE**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - Directive 94/9/EC
- (3) EC-Type Examination Certificate Number: **KEMA 03ATEX1167 X**
- (4) Equipment or protective system: **Flowmeter Series ProBar, Mass ProBar, ProPlate and Mass ProPlate**
- (5) Manufacturer: **Rosemount Inc.**
- (6) Address: **12001 Technology Drive, Eden Prairie, MN 55344-3659, USA**
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) KEMA Quality B.V., notified body number 0344 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 no. 2014372.

- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014 : 1997 EN 50020 : 2002 EN 50284 : 1999

- (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 tests of the specified equipment or protective system according 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 the following:



II 1 G EEx ia IIC T5...T4

Arnhem, 25 August 2003
KEMA Quality B.V.

C.G. van Es
Certification Manager

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SCHEDULE

- (13)
- (14) **to EC-Type Examination Certificate KEMA 03ATEX1167 X**

(15) **Description**

The Flowmeter Series ProBar, Mass ProBar, ProPlate and Mass ProPlate consists of separately certified Rosemount Models 3095 or Model 3051 pressure transmitters and optionally a Rosemount Model 79 Connection Head mounted to an Annubar Flow Sensor (Series ProBar and Mass ProBar) or to an Integral Flow Orifice Assembly (Series ProPlate and Mass ProPlate).

Ambient temperature range: -50 °C to +40 °C for temperature class T5
 -50 °C to +70 °C for temperature class T4

Electrical data

The electrical data is to be taken from the applicable transmitter certificates.

(16) **Report**

KEMA No. 2014372.

(17) **Special conditions for safe use**

To be taken from the applicable transmitter certificates

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

1. Certificate of Conformity KEMA No. Ex-97.D.4891
 EC-Type Examination Certificate BAS 98ATEX1359 X
 EC-Type Examination Certificate BAS 97ATEX1089 X

dated

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|----|---|------------|
| 2. | Drawing No. SU-7365, rev. AD (5 sheets) | 09.07.2003 |
| | SU-8755, rev. AD (5 sheets) | 07.08.2003 |