

(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC

- (3) EC-Type Examination Certificate Number: **KEMA 00ATEX2143 X** Issue Number: **4**
- (4) Equipment: **Scalable Pressure Transmitter Models 3051S, 3051SAM, 3051SAL, 3051SFA, 3051SFC, 3051SFP, 3051SMV and Housing Models 300S, 300ERS and 300SMV**
- (5) Manufacturer: **Rosemount Inc.**
- (6) Address: **12001 Technology Drive, Eden Prairie, MN 55344-3659, USA**
- (7) This equipment 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 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 test report number 212802700.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- | | | |
|--------------------------|--------------------------|---------------------------|
| EN 60079-0 : 2006 | EN 60079-1 : 2007 | EN 60079-26 : 2007 |
|--------------------------|--------------------------|---------------------------|
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment 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 according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

**II 1/2 G****Ex d IIC T5 or T6**

This certificate is issued on November 5, 2009 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.

C.G. van Es
Certification Manager

(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 00ATEX2143 X** Issue No. 4

(15) **Description**

The Scalable Pressure Transmitter Models 3051... and Housing Models 300... are offered with many different options as specified in the model code.

Ambient temperature range and T-class:

- T6 for ambient temperatures from -50 °C to +65 °C,
- T5 for ambient temperatures from -50 °C to +80 °C.

Electrical data

Supply and output signal:

- 10,5 to 42,4 Vdc (4-20 mA signal with digital HART superimposed),
- 9 to 32 Vdc (fieldbus signal).

Installation instructions

The instructions provided by the manufacturer shall be followed in detail in order to assure safe operation of the equipment.

(16) **Test Report**

KEMA No. 212802700.

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

The Ex d blanking elements, cable glands and wiring shall be suitable for a temperature of 90 °C.

The Transmitters Model 3051 contain a thin wall diaphragm. Installation, maintenance and use shall take into account the environmental conditions to which the diaphragm will be subjected. The manufacturer's instructions for maintenance shall be followed in detail to assure safety during its expected lifetime.

In case of repair, contact the manufacturer for information on the dimensions of the flameproof joints.

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 212802700.