CERTIFICATE

(1) EC-Type Examination

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

(3) EC-Type Examination Certificate Number: **KEMA 00ATEX2013X** Issue Number: **6**

(4) Equipment: **Pressure Transmitters Model 3051, Type 3051C, 3051T, 3051L, 3051CFA, 3051CFC and 3051CFP**

(5) Manufacturer: **Rosemount Inc.**

(6) Address: **8200 Market Boulevard, Chanhassen, MN 55317, USA**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification 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 no. NL/KEM/ExTR09.0038/02.

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

EN 60079-0 : 2012 + A11 : 2013 **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 T6 or T5 Ga/Gb

This certificate is issued on 26 March 2015 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.

DEKRA Certification B.V.

R. Schuller
Certification Manager

Digitally signed by Zabolotnîi Andrei
Date: 2024.04.12 08:46:20 EEST
Reason: MoldSign Signature
Location: Moldova

PRODUCTS RvA C 001

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 00ATEX2013X** Issue No. **6**

(15) **Description**

The Pressure Transmitters Model 3051, Type 3051C, 3051T, 3051L, 3051CFA, 3051CFC and 3051CFP, are microprocessor based pressure transmitters, used to convert the measured process pressure into digital or analog signals, available in single housing version.

Type designation

3051	**C**	**H**	**A**	**M4**	**...**
I	II	III	IV	V	

Designation	Explanation	Value	Explanation
I	Model	3051	Pressure transmitter
II	Type	C T L CFA CFC CFP	Coplanar Inline Liquid Level Annubar Flowmeter Compact Flowmeter Integral Orifice Flowmeter
III	Signal output	A W F M	4-20 mA with HART Profibus PA Foundation Fieldbus Low Power 1-5V HART
IV	Ex d housing material and entries	A B J K D M	Painted Aluminum ½-14 NPT Painted Aluminum M20 x 1.5 Stainless Steel ½-14 NPT Stainless Steel M20 x 1.5 Painted Aluminum G ½ Stainless Steel G ½
V	Display and Interface Options	- M4 M5	No Display LCD Display with Local Operator Interface LCD Display

Thermal data

The relation between process temperature, ambient temperature and temperature class is as follows:

Process temperature range [°C]	Ambient temperature range [°C]	Temperature class
-50 °C to +65 °C	-50 °C to +65 °C	T6
-50 °C to +80 °C	-50 °C to +80 °C	T5

(13) # SCHEDULE

(14) **to EC-Type Examination Certificate KEMA 00ATEX2013X** Issue No. **6**

Electrical data

Power supply 10.5 – 55 Vdc, 9 – 32 Vdc or 6 – 12 Vdc
Output 4 – 20 mA with digital HART, a fieldbus signal or a low power 1 – 5 Vdc signal

Installation instructions

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. NL/KEM/ExTR09.0038/02.

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

This device contains 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 installation and maintenance shall be followed in detail to assure safety during its expected lifetime.

For information on the dimensions of the flameproof joints the manufacturer shall be contacted.

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

Assured by compliance with the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. NL/KEM/ExTR09.0038/02.