

Translation

**TUV NORD**



(1) **Statement of Conformity**

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

(3) **Statement of Conformity Number: TÜV 14 ATEX 133903 X**

(4) for the equipment: Evaluation devices type  
VEGATOR TOR 111.AAX\*\*\*\*  
VEGATOR TOR 111.AAS\*\*\*\*  
VEGATOR TOR 112.AA\*\*\*\*\*

(5) of the manufacturer: VEGA Grieshaber KG

(6) Address: Am Hohenstein 113  
77761 Schiltach  
Germany

Order number: 8000429147

Date of issue: 2014-01-30


- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this statement of conformity and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH 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 the confidential report No. 14 214 133903.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012

EN 60079-11:2012

EN 60079-15:2010

- (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 statement of conformity relates only to the design, examination and tests of the specified equipment in accordance 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 or protective system must include the following:

 II 3 G Ex nA nC ic IIC T4 Gc

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Management Explosion Protection

  
Meyer

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(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV 14 ATEX 133903 X**

(15) Description of equipment

The signal conditioning instruments type

VEGATOR TOR 111.AAX\*\*\*\*

VEGATOR TOR 111.AAS\*\*\*\*

VEGATOR TOR 112.AA\*\*\*\*

are used for the supply of passive, intrinsically safe 1.2 mA/2.1 mA two wire NAMUR measuring sensors, the safe galvanic separation of the intrinsically safe circuits from all non-intrinsically safe circuits and the evaluation of the analogue transmitted measuring data.

Regarding the intrinsically safe signal circuits, an EC-Type Examination Certificate TÜV 14 ATEX 133904 exists.

The permissible ambient temperature range is -20 °C ... +60 °C.

Electrical data

Supply

U = 20 ... 253 V a. c./d. c.

Terminals 16/17)

U<sub>m</sub> = 253 V

Signal circuits

See EC-Type Examination Certificate

(Terminals 1/2, 4/5)

TÜV 14 ATEX 133904

Relay outputs

maximum values:

(Terminals 10/11/12, 13/14/15)

253 V a. c., 3A

60 V d. c., 1A

(16) The Test documents are listed in the test report No. 14 214 133903.

(17) Special conditions for safe use

According to EN/IEC 60079-15, section 6.3.1, the following is valid for this apparatus:

a) The apparatus has to be mounted in a housing tested according to IEC 60079-0, that meets the requirements of degree of protection IP54.

or

b) The apparatus has to be mounted in a housing tested according to IEC 60079-0, that meets the requirements of degree of protection IP4X. Then, the apparatus may exclusively be mounted in locations providing adequate protection against the entry of solid foreign objects or liquids.

The apparatus may be installed in an area of not more than pollution degree 2.

(18) Essential Health and Safety Requirements

no additional ones