



Translation

(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 15 ATEX 161799 X

(4) for the equipment: The Ex-separators type
VEGATRENN 151.*A*****
VEGATRENN 152.*A*****

(5) of the manufacturer: VEGA Grieshaber KG

(6) Address: Am Hohenstein 113
77761 Schiltach
Germany

Order number: 8000448172

Date of issue: 2015-08-21

- (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. 15 214 161799.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012

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 IIC T4 Gc

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

Management Explosion Protection



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(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV 15 ATEX 161799 X**

(15) Description of equipment

The Ex-separators type

VEGATRENN 151.*A*****

VEGATRENN 152.*A*****

are used for the supply of passive, intrinsically safe 4 ... 20 mA two wire measuring sensors, the safe galvanic separation of the intrinsically safe circuits from all non-intrinsically safe circuits and the signal transmission from 4...20 mA sensors in the explosion hazardous area.

The Ex-separators are passive without own supply.

The Ex-separators are executed with 1 or with 2 channels.

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

Regarding the intrinsically safe signal circuits, an EC-Type Examination Certificate TÜV 15 ATEX 161797 exists.

Electrical data

Current output circuits

(Terminals

Channel 1: 10, 11; 12

Channel 2: 13, 14; 15)

U = 15 ... 35 V d. c., 4...20 mA

U_m = 253 V a. c.

Current input circuits

(Terminals

Channel 1: 1, 2

Channel 2: 4, 5)

See EC-Type Examination Certificate

TÜV 15 ATEX 161797

(16) The Test documents are listed in the test report No. 15 214 161799.

(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

