

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 09ATEX0147 X** Issue Number: **4**

(4) Product: **2-Wire Programmable Transmitter, Type 6333A**, Type 6333B**, Type 6343A**, Type 6343B****

(5) Manufacturer: **PR electronics A/S**

(6) Address: **Lerbakken 10, 8410 Rønede, Denmark**

(7) This product 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 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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 NL/DEK/ExTR13.0059/02.

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

EN 60079-0 : 2012 + A11 : 2013

EN 60079-11 : 2012

EN 60079-15 : 2010

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 1 G Ex ia IIC T6 ... T4 Ga
II 1 D Ex ia IIIC Da
I M 1 Ex ia I Ma
II 3 G Ex nA [ic] IIC T6 ... T4 Gc or
II 3 G Ex ic IIC T6 ... T4 Gc or
II 3 D Ex ic IIIC Dc

Date of certification: 25 October 2019

DEKRA Certification B.V.

R. Schuller
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 09ATEX0147 X**

Issue No. 4

(15) **Description**

The 2-Wire Programmable Transmitter Type 6333A** and Type 6333B**, for rail mounting, with one or two independent channels is used to convert the temperature measurement signal of a resistive temperature sensor into a 4 ... 20 mA current signal with digital communication.

The 2-Wire Level Transmitter, Type 6343A** and Type 6343B**, suitable for mounting in an enclosure form B according to DIN 43729, is used to convert the signal of a resistive level sensor into a 4 ... 20 mA current signal with digital communication.

Electrical data

Refer to the attachment to this certificate

Installation instructions

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

(16) **Report Number**

No. NL/DEK/ExTR13.0059/02.

(17) **Specific conditions of use**

If the transmitter is applied in type of protection "Ex nA", it shall be installed in an enclosure that is Ex nA certified according to EN/IEC 60079-15 or "Ex e" certified and suitable for the application and correctly installed.

Electrostatic charges on the transmitters enclosure shall be avoided.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR13.0059/02.

(20) **Certificate history**

Issue 1 - 212575100	Initial assessment
Issue 2 - 217207300	Assessment to new edition of the standards
Issue 3 - 219392300	Minor technical change and EN 60079-26 removed
Issue 4 -223390900	Minor constructional changes.