IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx DEK 20.0062X**	Page 1 of 5	Certificate history:
Status:	**Current**	Issue No: 1	Issue 0 (2021-06-29)
Date of Issue:	2025-12-12		
Applicant:	**PR Electronics A/S** Lerbakken 10, 8410 Rønde **Denmark**		
Equipment:	**2-Wire Programmable Transmitter, type 5333*, 6333*** and 2-wire Level Transmitter type 5343***		
Optional accessory:			
Type of Protection:	**Ex i, Ex nA, Ex ec**		
Marking:	Ex ia IIC T6...T4 Ga Ex ia IIIC Db Ex ia I Ma Ex nA [ic] IIC T6…T4 Gc Ex ec [ic] IIC T6…T4 Gc Ex ic IIC T6…T4 Gc Ex ic IIIC Dc		

Approved for issue on behalf of the IECEx Certification Body: **R. Schuller**

Position: **Certification Manager**

Signature: (for printed version)

Date: (for printed version) 2025-12-12

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands

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Certificate No.: **IECEx DEK 20.0062X**

Date of issue: 2025-12-12

Issue No: 1

Manufacturer: **PR Electronics A/S**
Lerbakken 10, 8410 Rønde
Denmark

Manufacturing locations: **PR Electronics A/S**
Lerbakken 10, 8410 Rønde
Denmark

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-15:2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:4

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

NL/DEK/ExTR20.0065/00 NL/DEK/ExTR25.0061/00

Quality Assessment Report:

NL/DEK/QAR13.0017/07

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The 2-wire Programmable Transmitter, head mounted type 5333* and rail mounted type 6333***, is used to convert the temperature measurement signal of a resistive temperature sensor (RTD) into a 4 ... 20 mA current signal with digital communication.
The 2-wire Level Transmitter, head mounted type 5343*, is used to convert the signal of a resistive level sensor into a 4-20 mA current signal with digital communication.

For more information see Annex 1.

SPECIFIC CONDITIONS OF USE: YES as shown below:
For ambient temperature range see Annex 1.

If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided.

If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Ga or Ma, and if the enclosure is made of aluminium, it must be installed such, that ignition sources due to impact and friction sparks are excluded.

If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Ga or Gc and applied in type of protection Ex ia or Ex ic, the transmitter shall be mounted in enclosure that provides a degree of protection of at least IP20 according to IEC 60529, and that is suitable for the application and correctly installed.

If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Db or Dc and applied in type of protection Ex ia or Ex ic, the transmitter shall be mounted in enclosure that provides a degree of protection of at least IP5X according to IEC 60079-0, and that is suitable for the application and correctly installed.

If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Ma, the transmitter shall be mounted in enclosure that provides a degree of protection of at least IP54 according to IEC 60529, and that is suitable for the application and correctly installed.

If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Gc and applied in type of protection Ex nA or Ex ec, the transmitter shall be mounted in enclosure that provides a degree of protection of at least IP54 according to IEC 60079-0, and that is suitable for the application and correctly installed.

If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Gc and applied in type of protection Ex nA or Ex ec, the equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Addition of IECEx partial test report NL/DEK/ExTR25.0061/00 for minor constructional changes

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Additional information:
DEKRA project number: 229544700-3

Annex:

224097400-ExTR20.0065.00-Annex1.pdf