

# CERTIFICATE of Conformity


Equipment intended for use in potentially explosive atmospheres –  
INMETRO Directive No. 179, 18 May 2010

Certificate Number: DEKRA 13.0002 X

Issue Number: 0

|            |                          |                          |
|------------|--------------------------|--------------------------|
| Issued to: | Applicant:               | Manufacturer:            |
| Name:      | PR electronics A/S       | PR electronics A/S       |
| CNPJ no:   | DK 73438411              | DK 73438411              |
| Address:   | Lerbakken 10, 8410 Rønde | Lerbakken 10, 8410 Rønde |

Product: 2-Wire Programmable Transmitter and  
2-Wire Level Transmitter

Trade name: 

Type(s): Type 5333A, 5333D and  
Type 5343A, 5343B

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

DEKRA hereby declares that the above-mentioned equipment has been certified on the basis of:

The Type examination and test in compliance with:  
ABNT NBR IEC 60079-0 : 2008 ABNT NBR IEC 60079-11 : 2009 IEC 60079-15 : 2010  
ABNT NBR IEC 60079-26 : 2008

An evaluation of the production location according to INMETRO Directive No. 179 : 2010

Certification agreement no. 216026900

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

DEKRA hereby grants the right to use the INMETRO certification mark. The marking of the equipment shall include the following:

**See marking in the schedule to this certificate.**

The INMETRO certification mark shall be applied to the product as specified in this certificate for the duration of the INMETRO certification agreement and under the conditions of the certification agreement.

The validity of this Certificate is subject to the realisation of continuance evaluations and the processing of any possible non-compliance in accordance with guidelines issued by the Compliance Evaluation Body and specified in the specific Compliance Evaluation Requirements.

This certificate is issued on 19 August 2013 and valid until 19 August 2016

DEKRA Certification B.V.



R. Schüller  
Certification Manager

Page 1/2



This Certificate of Conformity is issued by a Certification Body accredited by CGCRE.  
CGCRE (Coordenação Geral de Acreditação do Inmetro)  
CGCRE (General Coordination for Accreditation from Inmetro)

Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

## SCHEDULE

to Certificate of Conformity DEKRA 13.0002 X

Issue No. 0

### Description

Refer to Annex 1 to this certificate

### Electrical data

Refer to Annex 1 to this certificate

### Marking

For Type 5333D and Type 5343B:

Ex ia IIC T4...T6 Ga

Ex ia IIIC Da

For Type 5333A and Type 5343A:

Ex nA [ic] IIC T4...T6 Gc

Ex ic IIC T4...T6 Gc

Ex ic IIIC Gc

### Installation instructions

The products must be installed in compliance with the applicable standards in electrical facilities in explosive atmospheres.

The activities of installation, inspection, maintenance, repair, review and recovery of the equipment are the responsibilities of the users and must be executed in accordance with the requirements of the prevailing technical standards, and with the manufacturer's instructions provided with the products.

### Test Report

| Laboratories  | OCP examination and test report no. | Date of issue |
|---|-------------------------------------|---------------|
| DEKRA Certification B.V.<br>+ labs listed on the ExTR cover under OD024 | NL/DEK/ExTR13.0034/00               | 2013-08-19    |

### Specific Conditions of Use

For type of protection Ex nA, the transmitter shall be mounted in a metal enclosure providing a degree of protection of at least IP54 according to IEC60529.

### Test documentation

As listed in above mentioned test reports.