



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx LCI 11.0005 issue No.: 3
Status: **Current**
Date of Issue: **2012-08-27** Page 1 of 5

Certificate history:
Issue No. 3 (2012-8-27)
Issue No. 2 (2012-1-18)
Issue No. 1 (2011-10-4)
Issue No. 0 (2011-2-21)

Applicant: **Schneider Electric**
48 Steacie Drive
Kanata, Ontario K2K 2A9
Canada

Electrical Apparatus: **Field transmitters and base radio**
Optional accessory:

Type of Protection: **d**

Marking: Schneider Electric Address : ... Type : AC-xxxx or TBUxxx (1) Serial number : ... Year of construction : ... Ex d IIC T4 Gb IECEx LCI 11.0005 T amb : -40°C to + 85°C (1) see schedule clause "Equipment" (page 4/5)

Approved for issue on behalf of the IECEx Certification Body:

Michel BRENON

Position:

Certification officer

Signature:
(for printed version)

Date:

August 28, 2012

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France

Documents relative to LCIE certification activities (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".





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Manufacturer: **Schneider Electric**
48 Steacie Drive
Kanata, Ontario K2K 2A9
Canada

Manufacturing location(s):

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 electrical apparatus 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 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5
- IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*This Certificate **does not** indicate compliance with electrical 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 Report:

FR/LCI/ExTR11.0005/00
FR/LCI/ExTR11.0005/03

FR/LCI/ExTR11.0005/01

FR/LCI/ExTR11.0005/02

Quality Assessment Report:

CA/CSA/QAR07.0001/00
CA/CSA/QAR07.0001/03

CA/CSA/QAR07.0001/01

CA/CSA/QAR07.0001/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Accutech-series transmitters comprised of self-contained, self-powered field units providing process data to a centralized base radio through a spread-spectrum, frequency hopping wireless connection. Networks of up to 100 field units can be created and polled by a single base radio using the secure, proprietary "Industrial Wireless" protocol, with a typical range between field unit and base radio of up to 5,000-ft (~1,500 m). Capability to scale up to as many as 16 wireless instrumentation LANs. The Base Radio model BR10 is used for communicating to the field transmitters.

Type of equipments :

Types AC-SI10 or TBUASI, AC-AI10 or TBUAAI, AC-AV10 or TBUAAV: Field transmitters, internal battery type 309035 or 309033

Type AC-BR10, TBUABR10: Base radio, 9-38Vdc, 24Vdc/200mA

CONDITIONS OF CERTIFICATION: NO



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EQUIPMENT(continued):

Marking :

Types AC-SI10 or TBUASI, AC-AI10 or TBUAAI, AC-AV10 or TBUAAV:

Schneider Electric

Address : ...

Type : AC-xxxx or TBUxxx (completed with the model)

Serial number : ...

year of construction : ...

Ex d IIC T4 Gb

IECEX 11.0005

T amb : -40°C to + 85°C

Warnings :Do not open when hazardous atmosphere is present

Potential electrostatic discharge for the antenna

Reference of the battery : 309033 or 309035 (according to the model used)

Types AC-BR10 or TBUABR10:

Schneider Electric

Address : ...

Type : AC-BR10 or TBUABR10

Serial number : ...

Year of construction : ...

Ex d IIC T4

IECEX LCI 11.0005

T amb : -40°C to + 85°C

Warnings :Do not open when energized

Potential electrostatic discharge for the antenna



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1 :

New company name : Schneider Electric

Adding following part-number :

- AC-BR10 part number : BR10-abcdeff or TBUABR10-abcdeff

- AC-AI10 part number : AI10-abcdeff-g or TBUAAIabcdeffg

- AC-AV10 part number : AV10-abcdeff-g or TBUAAVabcdeffg

- AC-SI10 part number : SI10-abcdeff-g or TBUASlabcdeffg

Update of documents.

Modifications of components.

Issue 2 :

Update technical file.

Modifications of components.

Issue 3 :

Normative update according to IEC 60079-0 Ed.5