



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 FME 09.0002X issue No.:0 Certificate history:

Status: Current

Date of Issue: 2009-07-24 Page 1 of 3

Applicant: **ABB SpA**
Via Statale 113
Lenno (Como) 22016
Italy

Electrical Apparatus: 2600T Pressure Transmitter Model 266
Optional accessory:

Type of Protection: Flameproof, protection by enclosure

Marking: Ex d IIC T6
Ex tD A21 IP67 T85°C
Ta = -50°C to +75°C

Approved for issue on behalf of the IECEx Certification Body: Andrew Was

Position: Certification Manager

Signature:
(for printed version)

Date: 24th July 2009.

- 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.

Certificate issued by:

FM Approvals Ltd
1 Windsor Dials
SL4 1RS Windsor
United Kingdom





IECEx Certificate of Conformity

Certificate No.: IECEx FME 09.0002X

Date of Issue: 2009-07-24

Issue No.: 0

Page 2 of 3

Manufacturer: **ABB SpA**
Via Statale 113
Lenno (Como) 22016
Italy

Manufacturing location(s):

**ABB Automation
Products GmbH**
Schillerstraße 72
32425 Minden
Germany

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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "ID"

*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:

GB/FME/ExTR09.0002/00

Quality Assessment Report:

DE/TUN/QAR06.0012/01

IT/CES/QAR07.0001/02



IECEx Certificate of Conformity

Certificate No.: IECEx FME 09.0002X

Date of Issue: 2009-07-24

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The 2600T Pressure transmitter, Model 266 consists of an aluminium alloy or stainless steel housing with an internal partition which separates the enclosure into a terminal compartment and an electronics compartment. RF leadthroughs are fitted in the partition wall. The terminal compartment is fitted with a flat threaded cover and the electronics compartment is fitted with a window cover having a cemented-in flat glass window. The housing is also provided with a threaded opening on the electronics side to accommodate a pressure sensor (primary) which can be of gauge or differential design and having various sensor types. All joints are sealed using 'O' rings and all threaded joints are locked against removal.

The enclosure body also has 2 threaded conduit entries and the threads are either M20 x 1.5 or ½ inch NPT.

The 2600T Pressure transmitter, Model 266 is rated at 42V dc, 2W.

CONDITIONS OF CERTIFICATION: YES as shown below:

Special Conditions for Safe Use:

1. When the manufacturer of the equipment has not identified the type of protection on the label, the user shall, on installation, mark the label with the type of protection used.
2. The material of the partition wall (sensing diaphragm) shall not be subject to environmental conditions which might adversely affect it.



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Certificate No.: IECEx FME 09.0002X issue No.: 1

Certificate history:
Issue No. 1 (2010-3-11)
Issue No. 0 (2009-7-24)

Status: **Current**

Date of Issue: 2010-03-11 Page 1 of 4

Applicant: **ABB SpA**
Via Statale 113
Lenno (Como) 22016
Italy

Electrical Apparatus: **2600T Pressure Transmitter Model 266**
Optional accessory:

Type of Protection: **Flameproof, protection by enclosure**

Marking: **Ex d IIC T6**
Ex tD A21 IP67 T85°C
Ta = -50°C to +75°C

Approved for issue on behalf of the IECEx Certification Body: Andrew Was

Position: Certification Manager

Signature: *(for printed version)* 

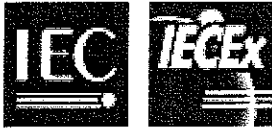
Date: 11th March 2010

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IECEX Certificate of Conformity

Certificate No.: IECEX FME 09.0002X

Date of Issue: 2010-03-11

Issue No.: 1

Page 2 of 4

Manufacturer: **ABB SpA**
Via Statale 113
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Italy

Manufacturing location(s):

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Products GmbH**
Schillerstraße 72
32425 Minden
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TEST & ASSESSMENT REPORTS:

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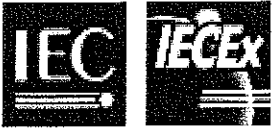
Test Report:

GB/FME/ExTR09.0002/00

Quality Assessment Report:

DE/TUN/QAR06.0012/01

IT/CES/QAR07.0001/02



IECEx Certificate of Conformity

Certificate No.: IECEx FME 09.0002X

Date of Issue: 2010-03-11

Issue No.: 1

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

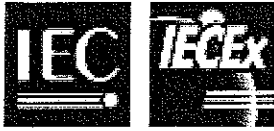
The 2600T Pressure transmitter, Model 266 consists of an aluminium alloy or stainless steel housing with an internal partition which separates the enclosure into a terminal compartment and an electronics compartment. RF leadthroughs are fitted in the partition wall. The terminal compartment is fitted with a flat threaded cover and the electronics compartment is fitted with a window cover having a cemented-in flat glass window. The housing is also provided with a threaded opening on the electronics side to accommodate a pressure sensor (primary) which can be of gauge or differential design and having various sensor types. All joints are sealed using 'O' rings and all threaded joints are locked against removal. The enclosure body also has 2 threaded conduit entries and the threads are either M20 x 1.5 or ½ inch NPT.

The 2600T Pressure transmitter, Model 266 is rated at 42V dc, 2W.

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IECEX Certificate of Conformity

Certificate No.: IECEx FME 09.0002X

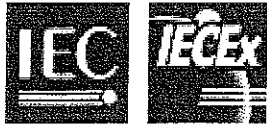
Date of Issue: 2010-03-11

Issue No.: 1

Page 4 of 4

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

- 1) Addition of self adhesive safety plate (alternative for the stainless steel version)
- 2) Removal of Ceramic Isolator in the inductive type pressure sensors



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INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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Certificate No.: IECEx FME 09.0002X issue No.: 2

Status: Current

Date of Issue: 2010-08-20 Page 1 of 4

Applicant: **ABB SpA**
Via Statale 113
Lenno (Como) 22016
Italy

Electrical Apparatus: 2600T Pressure Transmitter Model 266
Optional accessory:

Type of Protection: Flameproof, protection by enclosure

Marking: Ex d IIC T6
Ex tD A21 IP67 T85°C
Ta = -50°C to +75°C

Approved for issue on behalf of the IECEx
Certification Body:


Ron Webb

Position:

Deputy Certification Manager

Signature:
(for printed version)

Date:


20th August 2010

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IECEx Certificate of Conformity

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Page 2 of 4

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GB/FME/ExTR09.0002/00

Quality Assessment Report:

DE/TUN/QAR06.0012/01
IT/CES/QAR07.0001/02



IECEx Certificate of Conformity

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Date of Issue: 2010-08-20

Issue No.: 2

Page 3 of 4

Schedule

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Certificate No.: IECEx FME 09.0002X

Date of Issue: 2010-08-20

Issue No.: 2

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

1. Addition of alternative HMI type B Display with Touch Key