



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 14.0002X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2014-12-10\)](#)
Date of Issue: **2014-12-10** [Issue No. 0 \(2014-07-23\)](#)
Applicant: **ABB SpA**
Via Statale 113,
Lenno (Como) 22016.
Italy
Electrical Apparatus: **Model 266 Wireless Pressure Transmitter**
Optional accessory:
Type of Protection: **Intrinsic Safety**
Marking:
Ex ia IIC T4
-50°C < Ta < +70°C

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

M Gower

Position:

Certification Manager

*Signature:
(for printed version)*

Date:

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





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

Additional 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

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

*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/ExTR14.0004/00](#) [GB/FME/ExTR14.0004/01](#)

Quality Assessment Report:

[IT/CES/QAR07.0001/07](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The **2600T Pressure transmitter, Model 266** Wireless Pressure Transmitter is a battery powered device which consists of an aluminium alloy or stainless steel housing with an internal partition which separates the enclosure into a battery compartment and an electronics compartment. RF leadthroughs are fitted in the partition wall. The battery 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. Operation Temperature Ranges:

The ambient operating temperature range of the **2600T Pressure transmitter, Model 266** Wireless is -50°C to 70°C. Process temperature range is -50°C to 135°C.

CONDITIONS OF CERTIFICATION: YES as shown below:

The Model 266 enclosure contains aluminium and when installed as EPL Ga is considered to present a potential risk of ignition by impact or friction. Care must be taken into account during installation and use to prevent impact or friction.



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

Addition of Specific condition

Annex:

[Annex to IECEx FME 14 0002X - 1.pdf](#)

The model code options for the wireless Model 266 pressure Transmitter are;

266 bcdefghimnoqrs9u Model 266 Wireless Pressure Transmitter

b = measure type and construction : D, H, N, P, or V

c = application : D**, H, L, R**, or S

d = performance : Single digit not relevant to safety

e = upper range limits : A, B, E, F, G, H, M, P, Q, or S

f = static pressure range : H or S

g = transducer diaphragm material and fill fluid : 4, 5, 8, 9, A, B, C, D, H, I, K, L, M, P, Q, R, S or T

h = process flanges material & connection : 1, 2, 3, A, B, C, D, E, F, G, K, M, N, P, R or T.

i = Blank

m (only for 266 DLH and 266 DHH) = high pressure side process flange standard rating – size : A, B, D, E, M, N or L

n (only for 266 DLH and 266 DHH) = high pressure side process flange material-form finish : A, D, G or L

o (only for 266 DLH and 266 DHH) = low pressure side diaphragm material and fill fluid : 4, 5, A, B, C, D, F, H, K, L, M, P, Q, S or T

q (only for 266 DLH) = low pressure side seal type and capillary length : 1, 2, 3, 4, 5, 6, 7, 8, M, N, Q, S, T, U, V or Z

r = bolts and gasket : 1, 2, 3, 4, 8, 9 or N

s = electronic housing : B or T

u = option blank or A1, A2, B+, C+, D+, E8, EF, F+, H+, I+, L1, L5, L9, M+, N+, P+, T+, V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, W+, Y+ or Z1.

** Note 1 : if on option “c” is D or R denotes remote seal elements.

+ Note 2 : Any single letter or number.

Code of remote seal :

S6 for 600TEN series

S26 for 2600T series