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 FME 16.0004X**

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Status: **Current**

Issue No: 15

Date of Issue: 2024-02-28

Applicant: **ABB SpA**
Via L Vaccani 4
Tremezzina Ossuccio, Como 22016
Italy

Equipment: **Model 266 Pressure Transmitter**

Optional accessory:

Type of Protection: **Type of Protection 'ic'; Protection by enclosure 'tc'; Type nA**

Marking: Ex ic IIC T6…T4 Gc

Ex nA IIC T* Gc (Modbus version only – Communication = 5)

Ex nA nC IIC T* Gc (Modbus version only – Communication = 6)

Ex tc IIIC T85°C...T135°C Dc

FISCO – for option t = 3 or F

* See Description of Equipment or Protective System for the temperature class

Certificate history:

Issue 14 (2023-03-06)
Issue 13 (2022-10-30)
Issue 12 (2022-08-31)
Issue 11 (2022-05-26)
Issue 10 (2022-03-28)
Issue 9 (2021-11-12)
Issue 8 (2021-10-25)
Issue 7 (2021-04-19)
Issue 6 (2019-03-12)
Issue 5 (2019-01-23)

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

Position: **Certification Manager**

Signature:
(for printed version)

Date:
(for printed version)

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:

FM Approvals Ltd
Voyager Place
Maidenhead Berkshire SL6 2PJ
United Kingdom

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Certificate No.: **IECEx FME 16.0004X**

Date of issue: 2024-02-28

Issue No: 15

Manufacturer: **ABB SpA**
Via L Vaccani 4
Tremezzina Ossuccio, Como 22016
Italy

Manufacturing locations: **See Attachment for additional manufacturing sites**

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 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-11:2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-15:2010 Edition:4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-31:2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

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:

GB/FME/ExTR16.0002/00
GB/FME/ExTR16.0002/01
GB/FME/ExTR16.0002/02
GB/FME/ExTR16.0002/03
GB/FME/ExTR16.0002/04
GB/FME/ExTR16.0002/05
GB/FME/ExTR16.0002/06
GB/FME/ExTR16.0002/07
GB/FME/ExTR16.0002/09
GB/FME/ExTR16.0002/10
GB/FME/ExTR16.0002/11
GB/FME/ExTR16.0002/12
GB/FME/ExTR16.0002/13
GB/FME/ExTR16.0002/14
GB/FME/ExTR16.0002/15
GB/FME/ExTR16.0002/16

Quality Assessment Reports:

CA/CSA/QAR06.0010/12
GB/FME/QAR10.0007/13
GB/FME/QAR21.0005/00
GB/ITS/QAR16.0002/04
IT/CES/QAR07.0001/17
NO/PRE/QAR17.0003/04

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

The equipment has been separately tested against the requirements of IEC 60529 and it meets IP66/67.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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. Once the type of protection has been marked it shall not be changed.
2. The ABB Instruction Manual for the Model 266 Pressure Transmitter details the permitted Temperature Classification as influenced by the input parameters and Ambient Temperature ratings.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Update to DP-Piezo presssure transducer.