

Translation

(1) **Certificate of Conformity**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**



(3) **Certificate Number** TÜV 13 ATEX 114029X

(4) for the equipment: **CombiView DFON  
CombiPress PFMx or in combination as DFON + PFMx**

(5) of the manufacturer: **Baumer A/S**

(6) Address: **Runetoften 19,  
8210 Aarhus V, Denmark**

Date of issue: 2014-01-10

- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) TÜV NORD Danmark certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 94/9/EC of 23 March 1994.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 60079-0:2012                      EN 60079-15:2010
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This certificate of conformity relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment or protective system must include the following:

CE  II 3G Ex nA II T5

The head of TÜV Nord Danmark



J Nittegaard

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(13) **SCHEDULE**

(14) **Certificate of Conformity No. TÜV 13 ATEX 114029 X**

(15) Description of equipment

The **CombiView** is a graphic display intended for displaying data from several types of transmitters. It has a touch sensitive screen for interaction with the user.

The **CombiPress PFMx** pressure transmitter is intended for measuring pressure in the range 100mBar to 400 Bar. Output and supply is through 4 – 20 mA current loop.

The pressure transmitter may or may not include the graphic display CombiView DFON in the housing, which can be configured to show the pressure. This is the combination PFMx + DFON.

The product has been evaluated as “nA” apparatus to fulfill applications for use as Group II Category 3 (zone 2) applications.

**Type key:**

**CombiView DFON**

Model nomenclature:

DFON	3	X2	X3	X4	X5	X6	X7
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Safety: X1 = 3 ⇒ ATEX “nA” version Category 3, Zone 2  
 Relays: X2  
 Configuration: X3  
 Front ring: X4  
 Housing: X5  
 Electrical connection on housing: X6  
 Accessories, Software for relays: X7

**CombiPress PFMx** Two type numbers are used for the product depending on the customer segments: ”Industrial” or ”Hygienic”.

The pressure transmitter are designed for mounting inside the Ø80 mm Stainless steel housing which in addition can be mounted with the “CombiView” display.

Model nomenclature:

PFMN	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15
PFMH	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15

Housing: X1  
 Accuracy: X2  
 Pressure range: X3  
 Kind of pressure: X4  
 Output Signal: X5  
 Material of el. connection: X6  
 Process connection: X7  
 Wetted parts material: X8  
 Seal: X9

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Oil Filling: X10  
Display: X12  
ATEX: **X13 = 3** ⇒ ATEX "nA" version Category 3, Zone 2.  
Approvals: X14  
Configuration: X15

The ATEX certificate does not cover :  
PFMx-xxxxxxx151xxxxxxx (M12-5 plastic)  
PFMx-xxxxxxx181xxxxxxx (M12-8 plastic)  
But all other variants in the type number.

**Technical data:**

Intrinsic Safe specification

U: 10 to 35 V DC

I: 4-20 mA

Permissible range of ambient temperature:

For versions with display: -30 °C to +65 °C

For versions without display: -40 °C to +85 °C

(16) Test documents are listed in the test report No. 13 209 114029

(17) Special conditions for safe use

- Impact test of the display is done to EN 60 079-0, with low impact energy of 2J. The housing, connectors and cable glands are impact tested with the low energy of 4J.
- This product contains no replaceable parts. In case of malfunction the product must be shipped to Baumer for repair.
- Version with cable entry by use of plugs/sockets must be marked: "WARNING – DO NOT SEPARATE WHEN ENERGIZED"
- Use of FlexProgrammer 9701 is only allowed in the safe area.

(18) Essential Health and Safety Requirements

no additional ones