

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 04ATEX2018** Issue Number: **4**

(4) Product: **Pressure Transmitters CERABAR S Types PMC71, PMP71 and PMP75 and Differential Pressure Transmitters DELTABAR S Types PMD75, FMD77 and FMD78**

(5) Manufacturer: **Endress+Hauser GmbH+Co. KG**

(6) Address: **Hauptstraße 1, 79689 Maulburg, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/KEM/ExTR10.0023/03.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11 : 2013

EN 60079-1 : 2014

EN 60079-11 : 2012

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



**II 2 G Ex db IIC T6 ... T4 Gb or
Ex db IIC T6 ... T1 Gb or
Ex db ia IIC T6 ... T4 Gb or
Ex db ia IIC T6 ... T3 Gb**

Date of certification: 16 December 2017

DEKRA Certification B.V.

R. Schuller
Certification Manager

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 04ATEX2018**

Issue No. 4

(15) **Description**

The Pressure Transmitters CERABAR S Types PMC71, PMP71 and PMP75 and the Differential Pressure Transmitters DELTABAR S Types PMD75, FMD77 and FMD78 are used to convert an over- under- or differential pressure into a 4-20 mA HART (SIL), Profibus PA or Foundation Fieldbus output signal.

For type designation, marking and technical data refer to Annex 1 to this certificate.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/KEM/ExTR10.0023/03.

(17) **Specific conditions of use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Test Report No. NL/KEM/ExTR10.0023/03.

(20) **Certificate history**

Issue 1 -	202901000	initial certificate
Am 1 -	207326100	extension with sensor type PMC71
Am 2 -	210570300	extension with 700 bar sensor
Issue 2 -	213152900	application of the latest editions of the standards
Issue 3 -	215686600	alternate terminal blocks added
		changes in electronic circuits
		application of the latest editions of the standards
	- 216808600	extension with sensor type SD7
Issue 4 -	219903700	assessed according to the latest editions of the standard
		lower ambient temperature revised to -60 °C
		type PMP72 is removed from scope