

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 10ATEX0141 X** Issue Number: **2**

(4) Product: **Pressure Transmitter Series PAD and PAS**

(5) Manufacturer: **Kobold Messring GmbH**

(6) Address: **Nordring 22-24, 65719 Hofheim, 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 213610600 iss. 2.

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

EN 60079-0 : 2012 + A11 : 2013

EN 60079-1 : 2007

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 d IIC T6...T4 Gb

Date of certification: 28 March 2017

DEKRA Certification B.V.

R. Schuller
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 10ATEX0141 X**

Issue No. 2

(15) **Description**

The Pressure Transmitter Series PAD and PAS measures the pressure of a process and converts it into an electrical 4 - 20 mA analog current signal with digital communication (HART protocol).

Ambient temperature range: -20 °C to +60 °C
Process temperature: -20 °C to +85 °C for T6
-20 °C to +100 °C for T5
-20 °C to +130 °C for T4

Electrical data

Supply: 11,9 to 42 Vdc
Output: 4 - 20 mA

Installation instructions

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

(16) **Report Number**

No. 213610600 iss. 2.

(17) **Specific conditions of use**

For information regarding the dimensions of the flameproof joints the manufacturer shall be contacted.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. 213610600 iss. 2.

(20) **Certificate history**

Issue 1 - 213610600 initial certificate
Issue 2 - 221519800 Assesment according to EN 60079-0 : 2012 + A11 and
EN 60079-1:2007