



Product Service

(1) **EC Type Examination Certificate**

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

(3) EC Type Examination Certificate Number:



**TPS 15 ATEX 53474 020 X**

(4) Equipment: Remote Access Box (RAB7000), type RCU0010

(5) Manufacturer: Dräger Safety AG & Co. KGaA

(6) Address: Revalstrasse 1  
D-23560 Lübeck

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

(8) TÜV SÜD Product Service GmbH notified body No. 0123 in accordance with Article 9 of the Council Directive 94/9/EC of March 23<sup>rd</sup> 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive.  
The examination and test results are recorded in the confidential report 713056672 TB.

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

<b>EN 60079-0:2012/A11:2013</b>	<b>EN 60079-1:2007</b>
<b>EN 60079-7:2007</b>	<b>EN 60079-31:2009</b>

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

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

**II 2G Ex de IIC T6/T4 Gb**      **II 2D Ex tb IIIC T80°C/T130°C Db IP6X**

Office of certification of explosion protection

München, 2015-07-28

Dipl.-Ing. U. Jacobs





Product Service

## Schedule

(13)

(14) **EC Type Examination Certificate TPS 15 ATEX 53474 020 X**

The present EC-Type Examination replaces all other earlier versions and supplements:

Certificate Number:	Internal Administration No.:	Date:
TPS 10 ATEX 1 482 X	EX5 10 06 53474 010	07.06.2010
TPS 13 ATEX 1 638 X	EX5 13 07 53474 015	01.07.2013

(15) Description of equipment:

The tested equipment group Remote Access Box Dräger RAB7000 consists of previously examined and certified devices and components. The flameproof housing ET420/RCU0010 contains a display, two push buttons and appropriate electronics for calibration of the Dräger PIR 7X00 gas transmitter. Also, some configurations, being necessary for calibration can be performed.

Electrical data of the equipment:

Nominal voltage  $U_{Max.}$ : 40 V AC

Nominal current  $I_{Max.}$ : 2 A

Power  $P_{Max.}$ : 4,5 W

(16) Test report: 713056672 TB

(17) Special conditions for safe use:

- o The designated ambient temperature range amounts to:

$$T4: -40^{\circ}\text{C} \leq T_{Amb} \leq +80^{\circ}\text{C}$$

$$T6: -40^{\circ}\text{C} \leq T_{Amb} \leq +65^{\circ}\text{C}$$

- o All surfaces of enclosures and housings in dust explosion-endangered environment must be cleaned regularly to prevent from inadmissible dust layers.

(18) Essential health and safety requirements:

met by standards

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Page 2 / 2

EC Type Examination Certificates without signature and official stamp are not valid. The certificate may be circulated only without alteration. Extracts or alterations are subject to approval by TÜV SUD Product Service GmbH. In case of dispute, the German text shall prevail. The document is internally administrated under the following number: EX5 15 07 53474 020