

Translation

(1) **EC-Type-Examination Certificate**

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



(3) **Certificate Number** TÜV 13 ATEX 124201

(4) for the equipment: Temperature limiter EX HS STB

(5) of the manufacturer: **Erich Ott E.K.**

(6) Address: Rüdigerstraße 15
65189 Wiesbaden

Order number: 8000422546

Date of issue: 20.11.2013

(7) The design of this equipment or protective system and any acceptable variation thereto are specified in the schedule to this EC-Type-Examination Certificate and the documents therein referred to.

(8) The TÜV NORD CERT GmbH, notified body No. 0044 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), certifies that this equipment or protective system 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 to the Directive. The examination and test results are recorded in the confidential report No. 13 203 152701.

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

EN 50495:2010

(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 EC-type-examination certificate 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:

 II (2) GD

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body



Meyer

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(13) **SCHEDULE**

(14) **EC-Type-Examination Certificate No. TÜV 13 ATEX 124201**

(15) Description of equipment

The temperature limiter EX HS STB is a safety device according Directive 94/9/EC, which is used outside of the explosion hazardous area. The safety function of the device prevent that a monitored equipment (Equipment Under Control, EUC) inside the explosion hazardous area will become an ignition source. An example for this are trace heating systems in type of protection increased safety 'e'. The device can be used to monitor potential electrical ignition sources in conjunction with a monitored equipment of category 2, if the monitored equipment has no ignition sources under normal conditions. The combined equipment fulfils the requirements of category 2.

The temperature monitoring device EX HS STB monitors directly the temperature of electrical equipment with a Pt100 temperature sensor in three wire connection and switches his safety-related relay output off, if a preset limit is exceeded.

(16) Test documents are listed in the test report No. 13 203 152701.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones