

Translation

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

TÜV NORD



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

(3) **Certificate Number** TÜV 08 ATEX 554871

(4) for the equipment: Safety Temperature Limiter DTL III Ex ..
Type 17-8865-4*22/2200 30**

(5) of the manufacturer: **BARTEC GmbH**


(6) Address: Max-Eyth-Straße 16r
97980 Bad Mergentheim
Germany

Order number: 8000554871

Date of issue: 2008-09-08

- (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) 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. 08 203 554871.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2006 **EN 60079-7:2007** **EN 61241-0:2006**

- (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 [Ex e II]**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, accredited 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 certification body


Schwedt

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This certificate may only be reproduced without any change, schedule included.
Excerpts or changes shall be allowed by the TÜV NORD CERT GmbH

(13) **SCHEDULE**

(14) **EC-Type Examination Certificate No. TÜV 08 ATEX 554871**

(15) Description of equipment

The Safety Temperature Limiter DTL III Ex .. Type 17-8865-4*22/2200 30** is used for temperature monitoring of electrical trace heaters II 2 G and II 2 D and is allowed to be erected outside of the explosion hazardous areas.

It is suited for the application with certified resistance thermometers BARTEC PT-100 Ex Type 27-71**-*3**/**** or equivalent.

Technical data

Permitted ambient temperature range	0 °C bis +50 °C
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Supply circuit (terminals 1, 3)	U = 100...240 V AC or U = 24 V AC or 24 V DC f = 50 ... 60 Hz P _{max} = 4 VA
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Load circuit (Output 1) (terminals 13, 17)	U = 250 V AC I = 16 A cos φ = 1
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Register circuit (Output 2) (terminals 20, 22, 24)	U = 250 V AC I = 8 A cos φ = 1
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Detector circuit (terminals 10, 11, 12)	U = 5 V I = 0,15 mA
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Digital input 1 (remote-reset) (terminals 4, 6)	U = 5 V I = 5 mA
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Digital input 2 (OFF) (terminals 4, 6)	U = 5 V I = 5 mA
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(16) Test documents are listed in the test report No. 08 203 554871.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones

Translation
1. SUPPLEMENT

to Certificate No.	TÜV 08 ATEX 554871
Equipment:	Temperature Limiter DTL III Ex Type 17-8865-4*22/2200 30**
Manufacturer:	BARTEC GmbH
Address:	Max-Eyth-Straße 16 97980 Bad Mergentheim Germany
Order number:	8000426394
Date of issue:	2014-09-02

Amendments:

Within the scope of the 1st Supplement the name of the equipment was changed and the compliance of the equipment to the actual standards was checked.

The marking of the device changes as follows:



II (2) GD[Ex e Gb] IIC/IIIC resp. [Ex eb] IIC/IIIC

The electrical data and all other data apply unchanged for this supplement.

The equipment incl. of this supplement meets the requirements of these standards:

EN 60079-0:2012

EN 60079-7:2007

EN 60079-30-1:2007

(16) The test documents are listed in the test report No. 14 203 129933.

(17) Special conditions for safe use

no additional ones

(18) Essential Health and Safety Requirements

no additional ones

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The head of the notified body



Meyer

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