



**BUREAU
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(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

EPS 10 ATEX 1 304 X

Revision 1

(4) Equipment: Heating circuit QX-SH- _ _ / _ _ _ _ _

(5) Manufacturer: Quintex GmbH

(6) Address: i_Park Tauberfranken 13, 97922 Lauda-Königshofen, Germany

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 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 10TH0381.

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

EN 60079-0:2009

EN 60079-7:2007

EN 60079-31:2009

(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 eb IIC T1...T6
II 2D Ex tb IIIC T85°C...T450°C

Certification department of explosion protection

Türkheim, February 08, 2013


D. Zitzmann

Page 1 / 2

Certificates without signature are void. This certificate is allowed to be distributed only if not modified.
Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.
EPS 10 ATEX 1 304 X - This certificate is internally administrated under the following number: 11-005, Revision 1



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(13)

Annexe

(14) **EC Type Examination Certificate EPS 10 ATEX 1 304 X**

(15) Description of equipment:

The heating circuit QX-SH... in monitored construction serves as electrical heating of objects such as pipes, tanks, enclosures and other installations. The heating system is supposed to protect temperature sensitive equipment or the product contained in it from maintaining certain temperatures or from reaching a certain temperature level.

Compliance with the temperature class is ensured by an approved monitoring device. It switches off the heating circuit permanently when a preset temperature is exceeded.

The certified explosion protected heating cable and a certified limiting unit must be placed on the market by the manufacturer. In addition the documentation of installation of the heating circuit must be sent to and stored by the manufacturer.

Electrical data:

Rated voltage: up to max. 1000 V (according to the EC-type examination certificate of the respective heating trace)

Rated current: up to max. 200 A (according to the EC-type examination certificate of the respective heating trace)

(16) Test report: 10TH0381

(17) Special conditions for safe use:

The ambient temperature range is due to the worst maximum ambient temperature of the used heating cable and the approved monitoring device.

A certified, explosion protected heating cable must be used. An appropriate certified, explosion protected limited unit must be used. The installation of the heating circuit must be done and documented as described in the instruction manual. The documentation must be stored at a safe place.

The connection technology must be approved for hazardous locations.

(18) Essential health and safety requirements:

Met by standards.

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