

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

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**
(3) EU - Type Examination Certificate Number

EPS 09 ATEX 1 234 X

Revision 2

(4) Equipment: Heating circuit type Q_ _ _ _ _ / _ _ _ _

(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 annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, 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 documentation under the reference number 09TH0171.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

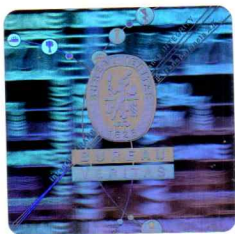
EN IEC 60079-0:2018

EN 60079-18:2015+A1:2017

- (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 annex to this certificate.
(11) This EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
(12) The marking of the equipment shall include the following:

 II 2G Ex mb IIC T6/T5/T4/T3 Gb

 II 2D Ex mb IIIC T85°C/T100°C/T135°C/T200°C Db



Certification department of explosion protection

Tuerkheim, 2022-12 -08


Ulrich Feike

Certificates without signature and seal 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.

(13)

Annex

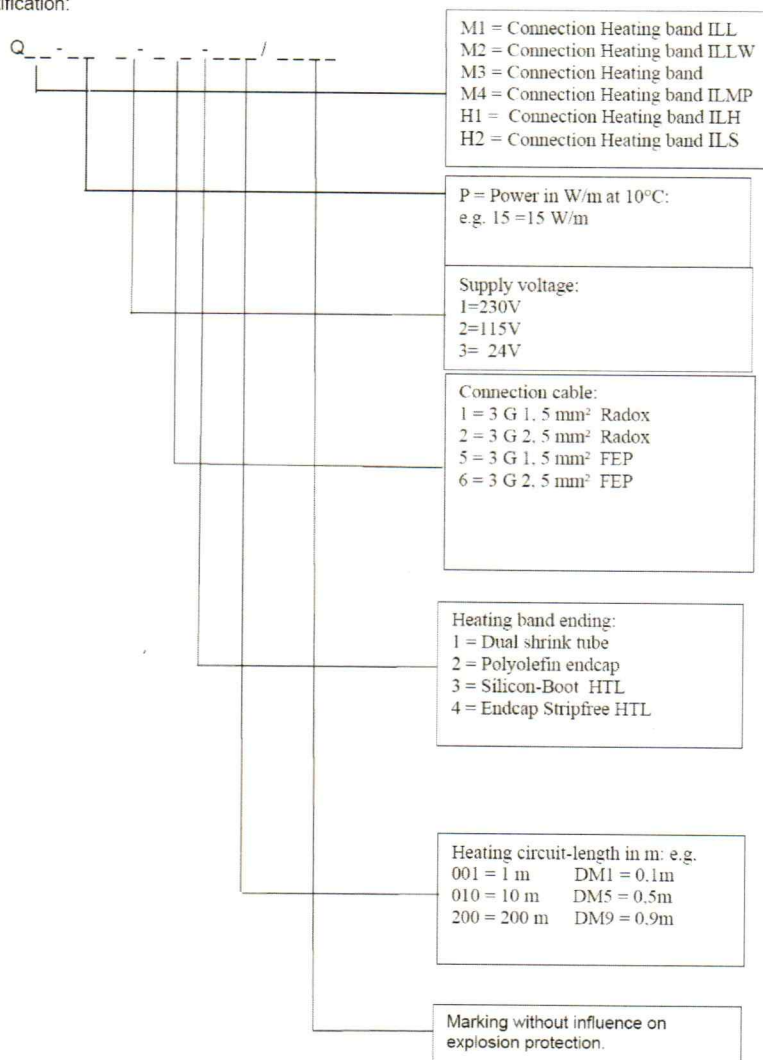
(14) **EU - Type Examination Certificate EPS 09 ATEX 1 234 X**

Revision 2

(15) Description of equipment:

The heating circuit type Q... is used for electric heating of pipes, basins, protection boxes, E-motors etc. to protect temperature sensitive parts against freezing or to keep up a specific temperature or to prevent condensate formation. Following connection variations are possible:

Type identification:



EU - Type Examination Certificate EPS 09 ATEX 1 234 X

Revision 2

(16) Reference number: 09TH0171

(17) Special conditions for safe use:

For heating circuits with heating band ILL, ILLW, ILM and ILMP the impact test according to EN 60079-0 clause 26.4.2 was only done with the low impact energy. Therefore it has to be assured that these components are only used with a low risk of mechanical damage.

Following ambient temperatures are allowed for different heating bands:

- Heating band ILH and ILS with E-Cu press-connection: -55 °C to +180 °C.
- Heating band ILL, ILLW, ILM and ILMP with E-Cu press-connection: -20 °C/-25 °C to +85 °C.
- Heating band ILL, ILLW, ILM and ILMP with clamp block: -20 °C/-40 °C to +65 °C/+85 °C.

Depending on the conditions of use, the maximum service temperature of the selected heating band shall not be higher than the specified maximum ambient temperature.

The dielectric strength test according to EN 60079-18, 9.2 shall be carried out as routine test.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Tuerkheim, 2022-12-08



Ulrich Felke