

## EU - Type Examination Certificate

(1)

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) EU - Type Examination Certificate Number

**EPS 15 ATEX 1 092 X**

**Revision 1**

(4) Equipment: Heating circuit type QS \_ - \_ \_ \_ - \_ \_ \_ / \_ \_ \_ \_

(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 15TH0039.

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

**EN IEC 60079-0:2018**

**EN IEC 60079-7:2015+A1:2018**

**EN 60079-30-1:2017**

**EN 60079-31:2014**

(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.

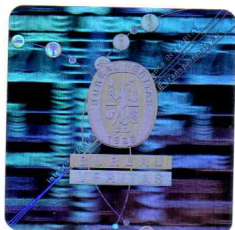
(12) The marking of the equipment shall include the following:



II 2G Ex 60079-30-1 eb IIC T6...T2 Gb



II 2D Ex 60079-30-1 tb IIC T85°C...T300°C Db



Certification department of explosion protection

Tuerkheim, 2022-05-02

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 15 ATEX 1 092 X**

**Revision 1**

(15) Description of equipment:

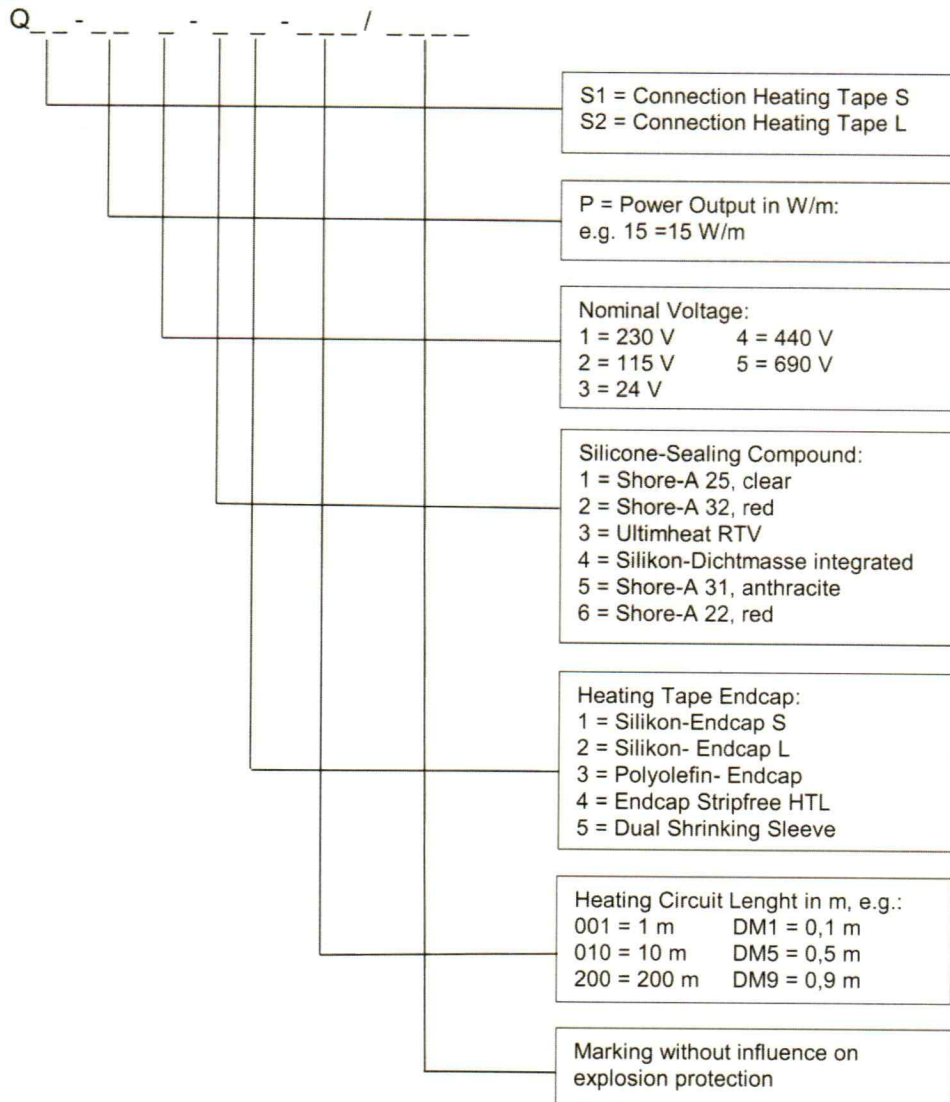
The heating circuit QS... serves the electric heating of pipes, containers, protective casings, electric motors, etc. to protect temperature-sensitive products in these against frost, to maintain certain temperatures of these products or to avoid condensation. Here, the heating circuit can also be built into a rib profile in order to increase the thermal energy transfer of the self-limiting heating band. The heating circuit QS... can be factory mounted or mounted in the field.

A dielectric test shall be carried out according to EN 60079-30-1.

### Electrical data:

Rated voltage: 12 V to 277 V (according to the EU - type examination certificate of the respective heating band)

### Type key:



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**Revision 1**

(16) Reference number: 15TH0039

(17) Special conditions for safe use:

Ambient temperature range: -60 °C to +200 °C depending on the heating band type

In each circuit a suitable overcurrent protection and a residual current device should be present according to EN 60079-30-1.

Only certified components as prescribed by the manufacturer shall be used. The mounting or installation of the heating circuit shall be carried out as described in the user manual and shall be documented.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Tuerkheim, 2022-05-02

