

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 23 ATEX 1 056

Revision 0

- (4) Equipment: Thermostat type |**** ***_**** EX / ****
- (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 22TH0513.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014

**EN 60079-7:2015,
EN IEC 60079-7:2015/A1:2018**

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 db eb IIC T4/T6 Gb

II 2D Ex tb IIIC T85°C/T135°C Db



Certification department of explosion protection

Tuerkheim, 2023-03-09

Certifier

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 23 ATEX 1 056 X**
- (15) Description of equipment:

Revision 0

The Thermostat is used to control and regulate thermal processes in hazardous Gas and Dust location. The enclosure provides type of protection Ex-e and Ex-t with minimum IP64 ingress protection. Depending on model the maximum ambient temperature range is from -60 °C to +80 °C. The temperature class depending on switch current and ambient temperature is given in following table:

Max. ambient temperature	Max. switching current	Temperature class	Max. surface temperature
+80 °C	16A	T4	T135 °C
+50 °C	16A	T6	T85 °C
+40 °C	25A	T6	T85 °C
+55 °C	25A	T4	T135 °C

Electrical data:

Connection 1/2: depending on version	AC max. 400V +10%, 16A
	AC max. 230V +10%, 16(2,5)A, $\cos\varphi=1(0,6)$
	AC max. 230V +10%, 25(4)A, $\cos\varphi=1(0,6)$
	DC max. 230V +10%, 0.25A
Connection 1/4: depending on version	AC max. 400V +10%, 6.3A
	AC max. 230V +10%, 6.3(2.5)A, $\cos\varphi=1(0.6)$
	AC max. 230V +10%, 2(0.4)A, $\cos\varphi=1(0.6)$
	DC max. 230V +10%, 0.25A

- (16) Reference number: 22TH0513
- (17) Special conditions for safe use:
No
- (18) Essential health and safety requirements:

Met by compliance with standards.



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Certifier

Tuerkheim, 2023-03-09