

(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 19 ATEX 1 218 X**

**Revision 1**

(4) Equipment: Mini-thermostat type IRM\*\*/\*\*

(5) Manufacturer: Quintex GmbH

(6) Address: i\_Park Tauberfranken 13  
97922 Lauda-Koenigshofen  
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 18TH0534.

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

**EN IEC 60079-0:2018**


**EN 60079-18:2015**

**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 mb IIC T4 Gb

 II 2D Ex tb IIIC T100°C Db IP68



Certification department of explosion protection

Hamburg, 2020-08-20

H. Schaffer



(13)

## Annex

(14) EU - Type Examination Certificate EPS 19 ATEX 1 218 X

Revision 1

(15) Description of equipment:

The mini-thermostat type IRM is used for ambient temperature monitoring. It switches ohmic loads directly or via a load contactor or reports the over- or under-temperature (potential-free) to a control room.

Electrical data:

Rated voltage: 250 V AC / 12 V DC

Rated current: 16 A

(16) Reference number: 18TH0534

(17) Special conditions for safe use:

The cable tail shall be connected outside the potentially explosive area or in an enclosure with suitable ignition protection.

The circuit of the mini-thermostat must be protected by a circuit breaker with tripping characteristic C to the rated current of 16 A.

The devices with the non-metallic cable gland shall be protected from impacts with high impact energy.

Rated ambient temperature range:  $-60\text{ °C} \leq T_a \leq +110\text{ °C}$

(18) Essential health and safety requirements:

Met by compliance with standards.



Hamburg, 2020-08-20