



(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 15 ATEX 1 997 X

Revision 0

(4) Equipment: Temperature sensor type: QRP-....

(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 15TH0038.

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

EN 60079-0:2012 + A11:2013

EN 60079-07:2007

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 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 e IIC T6....T1 Gb

II 2D Ex tb IIIC T85°C....T220°C Db IP68

Certification department of explosion protection

Nürnberg, 2015-06-22



D. Zitzmann





Annex

(13)

(14) EC-Type Examination Certificate EPS 15 ATEX 1 997 X

Revision 0

(15) Description of equipment:

The temperature sensor is designed for temperature measurement in heaters.

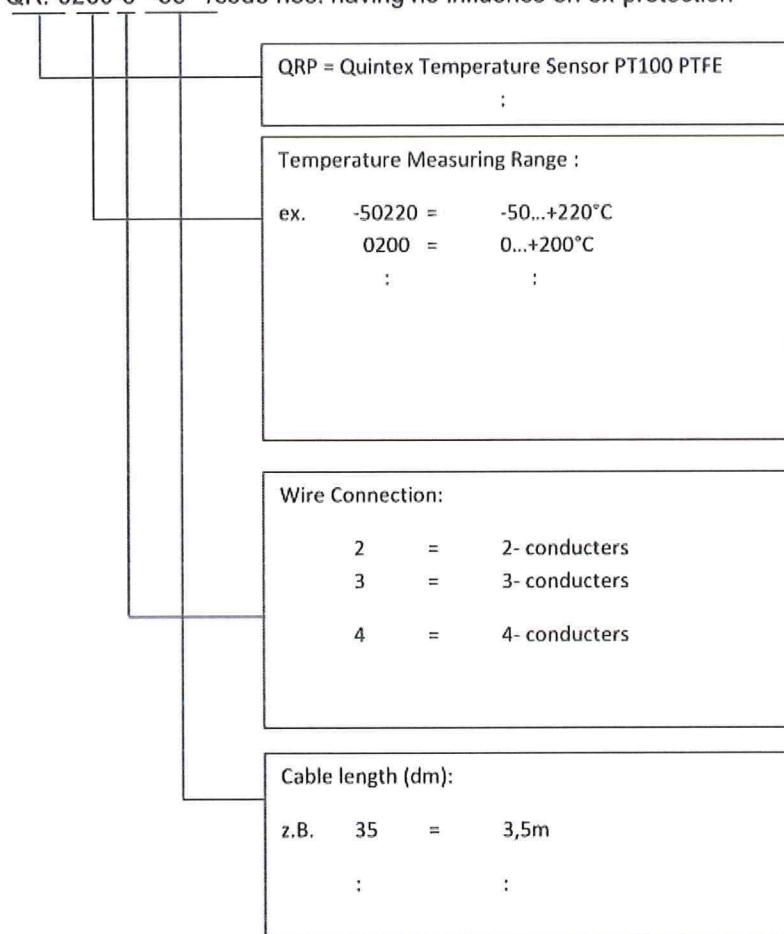
Electrical data:

Rated voltage: max. 60 V

Rated current: max. 5 mA

Type Key:

QR.-0200-3 -35 /code nos. having no influence on ex-protection



(16) Test report: 15TH0038

(17) Special conditions for safe use:

Ambient temperature range: $-50^{\circ}\text{C} < T_{\text{amb}} < +220^{\circ}\text{C}$

Maximum permissible process temperature: $\leq 220^{\circ}\text{C}$

The explicit temperature class and surface temperature of the Ex identification results from the process temperature in the range of the measuring tip. See manual.

The connecting cable of the temperature sensor is installed in accordance with the requirements of EN 60079-14 in an approved explosion-proof junction box. Certified cable glands shall be used (see manual, installation).

The temperature sensor may only be connected to approved power supplies / control units for passive resistance sensors, that are intended for the use with the respective system, designed to provide safety extra-low voltage outputs. The power supply unit and the control unit need to provide terminals that correspond to the sensors type of circuitry. The electrical parameters and the corresponding standard for the sensor must be observed.

(18) Essential health and safety requirements:

Met by standards.



Nürnberg, 2015-06-22