(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 13 ATEX 1 595 X **Revision: 0**

(4) Equipment: Stator Winding R.T.D R820 Series

(5) Manufacturer: WISE CONTROL INC.

(6) Address: 2022, Deogyeong-Daero, Giheung-Gu, Yongin-Si, Gyeonggi-Do, Korea

(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 13TH0185.

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

EN 60079-0:2012 **EN 60079-11:2012**

(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 1G Ex ia IIC T6...T3 Ga

ZERTIFIZIERUNGSSTELLE Bureau Veritas CPS Germany GmbH 1828

Certification department of explosion protection

D. Zitzmann

Türkheim, October 25, 2013

(13) **Annexe**

(14) **EC-Type Examination Certificate EPS 13 ATEX 1 595 X**

(15) Description of equipment:

The purpose of the Stator Winding RTD is to mainly detect and prevent overheating of motors. It is inserted in between a stator and a slot to measure a temperature.

The resistance thermo-sensor can be used with consideration of the applied power in the given type of protection.

Electrical data:

U_i = 5.0 mA, I_i = 30 V, P_i = 0,15 W

(16) Test report: 13TH0185

(17) Special conditions for safe use:

The ambient temperature range differs from the standard ambient temperature range and is assigned in the instruction manual.

The temperature classes T3 to T6 have to be observed according to a specific application.

Due to installation the Stator Winding RTD has to be protected from electrostatic charging.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, October 25, 2013

D. Zitzmann