



**BUREAU  
VERITAS**



## (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 13 ATEX 1 595 X**

**Revision 1**

- (4) Equipment: Stator Winding R.T.D R820 Series
- (5) Manufacturer: WISE CONTROL INC.
- (6) Address: 2022, Deogyong, Giheung-Gu  
Yongin-Si, Gyeonggi-Do  
Korea
- (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 13TH0185.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

**EN IEC 60079-0:2018**

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



Certification department of explosion protection

H. Schaffer

Hamburg, 2020-05-28

(13)

## Annex

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

Revision 1

(15) Description of equipment:

The purpose of the Stator Winding R.T.D 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:

$U_i = 30 \text{ V}$ ,  $I_i = 30 \text{ mA}$ ,  $P_i = 150 \text{ mW}$

(16) Reference number: 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 R.T.D has to be protected from electrostatic charging.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2020-05-28

