



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EPS 13.0032X** Page 1 of 4 **Certificate history:**
Issue 0 (2013-11-04)

Status: **Current** Issue No: 1

Date of Issue: 2020-05-28

Applicant: **WISE CONTROL INC.**
2022, Deogyong-Daero, Giheung-Gu, Yongin-Si, Gyeonggi-Do
Korea, Republic of

Equipment: **Stator Winding R.T.D R820 Series**

Optional accessory:

Type of Protection: **Intrinsic safety "i"**

Marking: Ex ia IIC T6...T3 Ga

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:



1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 13.0032X**

Page 2 of 4

Date of issue: 2020-05-28

Issue No: 1

Manufacturer: **WISE CONTROL INC.**
2022, Deogyong-Daero, Giheung-Gu, Yongin-Si, Gyeonggi-Do
Korea, Republic of

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/EPS/EXTR13.0031/03](#)

Quality Assessment Report:

[DE/EPS/QAR12.0008/08](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx EPS 13.0032X**

Page 3 of 4

Date of issue: 2020-05-28

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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:

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

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.



IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 13.0032X**

Page 4 of 4

Date of issue: 2020-05-28

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Input current increased to 30 mA.