



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx LCIE 15.0052 issue No.:0 Certificate history:

Status: **Current**

Date of Issue: **2016-08-01** Page 1 of 3

Applicant: **WISE Control Inc.**
2022 Deogyong-daero, Giheung-gu, Yongin-si, Gyeonggi-do (17097)
Korea, Republic of

Equipment: **Flameproof switch (953 series)**
Optional accessory: Pressure switch(P953), Differential pressure switch (P970), Temperature switch (T953)

Type of Protection: **Ex d**

Marking: **Ex d IIC T6 Gb**

Approved for issue on behalf of the IECEx
Certification Body:

Marie-Elisabeth d'Ornano

Position:

Certification Director

Signature:
(for printed version)

Date:

2016-08-01

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 the **Official IECEx Website**.

Certificate issued by:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France

Documents relative to LCIE certification activities (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".





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Manufacturer: **WISE Control Inc.**
2022 Deogyong-daero, Giheung-gu, Yongin-si, Gyeonggi-do (17097)
Korea, Republic of

Additional Manufacturing location
(s):

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 electrical apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition: 6.0

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*This Certificate **does not** indicate compliance with electrical 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:

FR/LCIE/ExTR15.0120/00

Quality Assessment Report:

DE/EPS/QAR12.0008/02

DE/EPS/QAR12.0008/04



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Flameproof switch (type 953 series) is permanently screwed on the bracket inside the aluminium die-cast enclosure which consists of threaded cover and case. Single or double type snap switch inside enclosure is actuated by stainless steel rod. Terminal block is screwed on the stainless steel bracket and it is connected to snap switch via electrical wires.

Routine test : According to clause 16.1 of standard IEC 60079-1 each apparatus shall be submitted to an overpressure test under 12.48 bars during minimum 10 seconds.

Marking :

Wise Control Inc

Address : ...

Type : 953 series (P953 or P970 or T953)

Serial number : ...; Year of construction : ...

Ex d IIC T6 Gb

$-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +65^{\circ}\text{C}$

IECEX LCIE 15.0052

Un: In:

WARNING – DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT.

CABLE ENTRY- SEE INSTALLATION INSTRUCTION DOCUMENT.

Electrical parameters :

AC 125V / 250V, 15A

DC 125V, 0.4A

DC 250V, 0.2 A

CONDITIONS OF CERTIFICATION: NO