



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 21.0006X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2021-02-11
Applicant: **WISE CONTROL INC.**
122, Jomaru-ro 385beon-gil,
Bucheon-si, Gyeonggi-do 14556
Korea, Republic of
Equipment: **Pressure switch P954**
Optional accessory:
Type of Protection: **db, tb**
Marking: Ex db IIC T6 Gb
Ex tb IIIC T85°C Db IP67

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





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Date of issue: 2021-02-11

Issue No: 0

Manufacturer: **WISE CONTROL INC.**
122, Jomaru-ro 385beon-gil,
Bucheon-si, Gyeonggi-do 14556
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 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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/ExTR21.0007/00](#)

Quality Assessment Report:

[DE/EPS/QAR12.0008/09](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

P954 is a diaphragm type pressure switch which can be used in a variety of process lines. An internal micro switch is operated by pressure of various fluids, such as atmospheric pressure and water pressure. The pressure sensing part is a force balanced and piston actuated assembly. The enclosure is made by aluminium die-cast enclosure which consists of threaded cover and case and attached stainless steel pressure sensing mechanic. The connection can be made by direct cable entry and terminals inside.

Electrical data:

AC 125 V / 250 V, 15 A
DC 125 V, 0.5 A for resistance load
DC 125V, 0.03 A for inductive load

SPECIFIC CONDITIONS OF USE: YES as shown below:

A repair of flameproof joints is not allowed related to IEC 60079-1 table values..

Ambient temperature range:

$-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +65^{\circ}\text{C}$ with silicone O-ring

$-25^{\circ}\text{C} \leq T_{\text{amb}} \leq +65^{\circ}\text{C}$ with Viton O-ring

High electrostatic charge generating processes shall be excluded.