



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 PRE 19.0069X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-12-11

Applicant: **Zenitel Norway AS**
Bromsveien 17
3183 Horten
Norway

Equipment: **Signal Splitter Board**

Optional accessory:

Type of Protection: **Ex ia**

Marking: Ex ia IIB T6 Gb

Approved for issue on behalf of the IECEx
Certification Body:

Asle Kaastad

Position:

Certification Manager

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:

DNV GL Presafe AS
Veritasveien 3
1363 Høvik
Norway





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Manufacturer: **Zenitel Norway AS**
Bromsveien 17
3183 Horten
Norway
Norway

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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

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 Reports:

[NO/NEM/ExTR13.0014/00](#)

[NO/PRE/ExTR19.0085/00](#)

Quality Assessment Reports:

[NO/NEM/QAR14.0005/00](#)

[NO/NEM/QAR14.0005/01](#)

[NO/NEM/QAR14.0005/02](#)

[NO/NEM/QAR14.0005/03](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The equipment takes the input from an Ex-certified microphone and splits it into two outputs, which are in turn connected to two P.A. modules through I.S. barriers. The input and both outputs are galvanically separated.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The signal splitter must be used with certified safety barriers.

The splitter board must be installed in a certified enclosure or in an enclosure that fulfils the requirements of EN 60079-11:2012.

The installation must be conducted in such a manner that the creepage and clearance distance between the intrinsically safe circuit and earthed metal parts are at least 3 mm.

The creepage and clearance distance between the input and the output terminals of the board and the distance to other intrinsically safe circuits shall be at least 6 mm.

The separation between any non-intrinsically safe circuit mounted in the same enclosure and the intrinsically safe circuit shall be at least 50 mm or a separation according to EN 60079-11:2012 clause 6.3.