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 18.0087X**

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Certificate history:
Issue 2 (2022-03-11)
Issue 1 (2021-02-18)
Issue 0 (2020-05-13)

Status: **Current**

Issue No: 3

Date of Issue: 2026-06-15

Applicant: **KONGSBERG MARITIME AS**
Skonnertvegen 1
7053 Ranheim
Norway

Equipment: **SENTRY GB-300 Wireless Temperature Measuring System**

Optional accessory:

Type of Protection: **Ex ec, ia**

Marking: Ex ec [ia Ga] IIC T5 Gc -25°C≤Ta≤+75°C(Standard enclosure)

Ex ec [ia Ga] IIC T5 Gc -40°C≤Ta≤+85°C (use with STAHL cabinet item 8510/0-0400-0400-230-3311)

Approved for issue on behalf of the IECEx Certification Body: **Ståle Sandstad**

Position: **Certification Manager**

Signature:
(for printed version)

Date:
(for printed version)

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 Product Assurance AS
Veritasveien 1
1363 Høvik
Norway

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Manufacturer: **KONGSBERG MARITIME AS**
Skonnertvegen 1
Ranheim 7053
Norway

Manufacturing locations: **KONGSBERG MARITIME AS**
Skonnertvegen 1
Ranheim 7053
Norway

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 60079-11:2023 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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/PRE/ExTR18.0099/00 NO/PRE/ExTR18.0099/01 NO/PRE/ExTR18.0099/02
NO/PRE/ExTR18.0099/03

Quality Assessment Report:

NO/PRE/QAR18.0016/05

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The SENTRY SPU GBP300, covered by this certificate, is the signal-processing unit in a wireless temperature measuring system. The signal-processing unit comprises a metal enclosure containing the power supply, communication and up to 20 intrinsically safe RF channels. The signal-processing unit generates a low energy and high frequency radar pulse, which is transmitted to a wireless sensor via a stationary antenna (antenna and sensor are not covered by this certificate).

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The equipment does not fulfil the dielectric strength requirement according to Clause 6.9 of IEC 60079-11:2023. Special consideration must be taken under installation. See Instructions no. 447662
2. Separate IECEx / ATEX certified IP54 cable gland or plugs shall be used.
3. Equipment intended to be used in installation in an area providing at least pollution degree 2.
4. Transient protection shall be provided that is set at a level not exceeding 140 % of the peak rated voltage value at the supply terminals to the equipment

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- Assessment to the latest standard for IEC 60079-11
- Transfer of protection type from Ex nA to Ex ec.
- Ambient temperature correction with respect to enclosure type

Annex:

Annex.pdf

DNV Product Assurance AS
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Annex to certificate: IECEx PRE 18.0087X Issue No.3

Type designation and explanation of order key:

GBP300/abccdefg

