



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

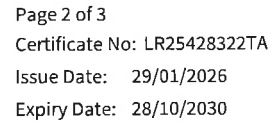
Manufacturer	Kongsberg Maritime AS
Address	Skonnertvegen 1, Ranheim, 7053, Norway
Type	Transmitters/Transducers
Description	<p>SENTRY GB-300 Wireless temperature monitoring Temperature monitoring of crank pin/crosshead bearings in diesel engines and other rotating machinery.</p> <p>SENTRY SPU GBP300 Signal Processing Unit SENTRY GBS100/... Stationary Antenna SENTRY GBS150/... Stationary Antenna (Ex version, defined as simple apparatus) SENTRY GBW1xx/... Wireless Temperature Sensor SENTRY GBW3xx/... Wireless Temperature Sensor (Ex version, defined as simple apparatus)</p> <p>For detailed product description, pls. refer to appendix</p>
Trade Name	SENTRY GB-300
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2024.

Ashwinikumar Mhamal

Electrical & Control Technical Manager -
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Marine and Offshore India LLP

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Other Conditions

Special conditions for Safe Use as stated in applicable Ex-certificates and the conditions of the LR Rules and Regulations of Classification of Ships Part 6, Chapter 2 shall be observed when installed in hazardous areas. The Ex-certification does not form part of this certificate.

Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/or surveyed to be installed in ships classed or intended to be classed with LR.

If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2008206TA

The Design Appraisal Document TSO-25-046631-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Appendix

DESCRIPTION

SENTRY GB-300 Wireless temperature monitoring consisting of:

- Signal Processing Unit:
SENTRY SPU GBP300
- Stationary Antenna (non-Ex version):
SENTRY GBS100/...
- Stationary Antenna (Ex version, defined as simple apparatus):
SENTRY GBS150/...
- Wireless Temperature Sensor (non-Ex-version):
SENTRY GBW100/...
SENTRY GBW104/...
SENTRY GBW105/...
SENTRY GBW106/...
SENTRY GBW107/...
SENTRY GBW110/...
SENTRY GBW112/...
SENTRY GBW116/...
SENTRY GBW122/...
SENTRY GBW138/...
SENTRY GBW150/...
SENTRY GBW180/...
- Wireless Temperature Sensor (Ex version, defined as simple apparatus):
SENTRY GBW300/...
SENTRY GBW305/...
SENTRY GBW315/...
SENTRY GBW317/...
SENTRY GBW324/...
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SENTRY GBW328/...
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Certificate No: LR25428322TA
Issue Date: 29/01/2026
Expiry Date: 28/10/2030

SENTRY GBW360/...

All type designation may be followed by suffix such as length of coaxial cable or size of housing.

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