Certificate No: LR2610510TA
Issue Date: 12/01/2026
Expiry Date: 11/01/2031

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	**Peric Technology Co., Ltd.**
Address	No. 6 Century Street, and No. 5 Zhongchuan Road, Economic Development Zone, Handan City, Hebei, 056000, China
Place of Production	Peric Technology Co., Ltd. No. 6 Century Street, and No. 5 Zhongchuan Road, Economic Development Zone, Handan City, Hebei, 056000, China
Type	Gas Leak Detector
Description	Fixed combustible hydrocarbon gas detection equipment
Trade Name	Point-Type Gas Detector (Type: GQ-C100G-2)
Application	Marine and offshore applications suitable for use in environmental categories ENV2 in the “General Power Distribution Zones” as defined in Lloyd’s Register’s Type Approval System, Test Specification Number 1: 2024
Specified Standard	IEC 60079-29-1: 2016/AMD1: 2020 IACS UR E10 Rev. 9: 2023
Ratings	Voltage: DC 24V Power consumption: ≤ 5 W Operating temperature: -25°C to +60°C Response time: ≤ 30 sec

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Ping Yuan Qi

Electrical & Control - Senior Specialist to
Lloyd's Register Singapore Pte Ltd
A member of the Lloyd's Register group

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Measuring range: (0~100) % Lower Explosive Limit (LEL)
Measuring error: ±3% Full Scale (FS)
Display mode: LCD display
Output signal: Three-wire (4~20) mA, three-way relay output
Ex marking: Ex db IIC T6 Gb
Ingress Protection grade: IP 66

Software version:
GasDetect Version: 1.0.0
SensorModule Version: 1.0.0

Additional Tests

1. Enclosure test (IP66)
2. Flame retarding test
3. Dry heat test: 16 hours at 60°C
4. Low temperature test: 16 hours at -25°C

Other Conditions

The special conditions of use as indicated in the Ex-certificate No.: CNEx24.2792X are to be observed.

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 Singapore Pte Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2610510TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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