Certificate No: LR23167269MB
Issue Date: 25/01/2024
Expiry Date: 15/08/2025

Notified Body authorised by
BSH 0800-S23/4822:013

EC Type Examination (Module B) Certificate

This is to certify that:
LLOYD'S REGISTER Marine Deutschland GmbH (LRMD), designated as a “notified body” based on the notification of the Federal Maritime and Hydrographic Agency of Germany, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU and the valid Commission Implementing Regulation (EU) in force indicating design, construction and performance requirements and testing standards for marine equipment, subject to the conditions below and the attached Schedule which also forms part of this Certificate.

Manufacturer	**Teledyne Gas Measurement Instruments Ltd**
Address	Inchinnan Business Park, Renfrew, Scotland, PA4 9RG, United Kingdom
Reference	Marine Equipment Directive (MED) 2014/90/EU, Regulation (EU) 2023/1667
Regulation Item (No. & Item Designation)	MED/3.30b Portable Oxygen Analysis and/or Gas Detection Equipment: - category 2: (explosive gas atmospheres)
Product Type	PS500 - Software Version - Ver 3.31
Product Description	Portable gas detector
Specified Standard	Type approval requirements: SOLAS 74 Reg. II-2/4, SOLAS 74 Reg. VI/3, SOLAS 74 Reg. XI-1/7. Carriage and performance requirements: SOLAS 74 Reg. II-2/4, SOLAS 74 Reg. VI/3, SOLAS 74 Reg. XI-1/7. IMO Res. MSC.98(73)-(FSS Code) 15, IMO MSC.1/Circ.1477, IMO MSC.1/Circ.1581. IEC 60945: 2002 Incl. IEC 60945 Corr 1: 2008, IEC 60092-504: 2016, IEC60533: 2015, EN 50104: 2019, EN60079-29-1: 2016, EN60079-0: 2018, incl. AC: 2020,

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Lloyd's Register Marine Deutschland GmbH, Überseeallee 10, D-20457 Hamburg, Germany.
A member of the Lloyd's Register group

Andrei Petrov

Electrical & Control - Senior Specialist
For and on behalf of Lloyd’s Register Marine Deutschland GmbH (2923)

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EN60079-1: 2014,
EN60079-11: 2012

Row of the Regulation Item	Row 2 of 4 of
Trade Name	PS500 - Software Version - Ver 3.31

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRMD of any modification or changes to the equipment in order to obtain a valid Certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D,E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

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