

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	Ntron Gas Measurement Ltd
Address	Mullaghboy Industrial Park, Navan, Co Meath, C15 VFP2, Ireland
Type	Transmitters/Transducers
Description	Oxygen analyser
Trade Name	SenzTx-100, SenzTx-101, SenzTx-102
Application	Marine applications (ENV1, ENV2 and ENV3 categories)
Specified Standard	Lloyd's Register Test Specification No.1: 2020
Ratings	Gas type / Range: - SenzTx-100: Oxygen / 0-1% / 0-1000 ppm / 0-2000 ppm / 0-3000 ppm; - SenzTx-101: Oxygen / 0-25% Vol; - SenzTx-102: Oxygen / 0-96% Vol Power supply: 24VDC +/- 10%, Max 160mA; Accuracy: +/- 2% of reading; Output signal: 4 to 20 mA / RS485 Modbus
Additional Tests	Ingress protection: IP66
Other Conditions	For the installation in general power distribution zones with reference to EMC aspects

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2160215TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Andrei Petrov

Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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