Certificate No: LR2065564TA
Issue Date: 06/02/2020
Expiry Date: 05/02/2025

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	**SENACO CO LTD**
Address	346-2, Sanin-ro, Sanin-myeon, Haman-gun, Gyeongnam, 52072, Korea, Republic of
Type	Control Units
Description	Inductive Sensor
Trade Name	Model – A646622-LF Type – SNC-ME-M00400-3 (cable union type)
Application	Marine, offshore applications for use in environmental categories ENV4 on the "Bridge and Deck Zone" as defined in LR Type Approval System Test Specification No. 1-2019 where the Test Specification is satisfactory for the intended operation.
Specified Standard	Manufacture's specification, IEC60945
Ratings	Power supply – 24 Vdc, Output- 4~20mA
Additional Tests	For inductive sensor part only (except cable, cable gland and heat shrink boot) : Dry heat test at 70°C±2°C for 2 hours, Cold test II at -25 C±3°C for 2 hours, Salt mist test for 7 days
Other Conditions	Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. If the specified standards

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Gyung-Hwan Lee

Digital & Control Team Leader to Lloyd's Register Asia
A member of the Lloyd's Register group

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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. (in case of applications other than Marine) The application of the Type Approval Certificate will be limited to the relevant scope of the Specified Standards and acceptance thereof by the local authorities.

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

The Design Appraisal Document LR2065564TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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