Certificate No: LR2111161TA
Issue Date: 13/01/2021
Expiry Date: 30/09/2025

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	**Spirax - Sarco S.r.l.**
Address	Via per Cinisello 18, Nova Milanese (MB), 20834, Italy
Place of Production	Colima Srl Via Mestre, 11, Cernusco Sul Naviglio Mi, 20063, Italy
Type	Switches - Level
Description	Magnetic Level Switches
Trade Name	TOR (BUNA & AISI)
Application	Marine, Offshore and Industrial use. Suitable for monitoring tank level in environmental categories ENV1, ENV2, and ENV3 as detailed in the Loyd's Register Type Approval System Test Specification Number 1, March 2019.
Specified Standard	IEC 60947-1:2007 + A1:2010 + A2:2014 IEC 60947-5-1:2016
Ratings	Max. working pressure: 10 bar Max. switching capacity: 60 V, 40 W Max. peak current: 1 A
Additional Tests	Degree of protection provided by an enclosure: IP 67, IP 68.

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Maurizio Crucil

TTSO Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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

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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.

Previous Version: 98/00097(E5)

The Design Appraisal Document LR2111161DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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