Certificate No: LR2004286TA
Issue Date: 18/06/2020
Expiry Date: 31/05/2024

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	**Autronica Fire & Security AS**
Address	Bromstadvegen 59, Trondheim, 7047, Norway
Type	Fire Detection Alarm Systems
Description	Manual call points with SelfVerify for fire detection systems
Trade Name	BF-300V2, BF-500V2/EX, BF-501, BF-501/Ex, BF-502, BF-502/N, BF-502/Ex, BF-510WP-H
Application	Marine, offshore and industrial applications suitable for use in environmental categories ENV1, ENV2, ENV3 and ENV 5 (ENV 5 only BF-501, BF-501/Ex,BF-502, BF-502/N and BF-502/Ex) as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – July 2015
Specified Standard	IEC 60092-504: 2016 EN 54-11: 2001 / A1: 2005
Additional Tests	Type BF-300V2, BF-502/Ex and BF-510WP-H: Salt mist test Compass safe distance Low temperature test -40°C Degree of protection:

Downloaded Copy

Thorsten Wolff

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

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR2004286TA
Issue Date: 18/06/2020
Expiry Date: 31/05/2024

Type Approval Certificate

IP44: BF-300V2 & BF500V2/EX
IP55: BF-510WP-H
IP66: BF-501, BF-501/Ex, BF-502, BF502/N and BF-502/Ex

Other Conditions Rating for application in hazardous areas are to be obtained from applicable Ex Certificates. Systems comprising the components described above are subject to a separate plan appraisal according to applicable Rules and Regulations when installed on LR classed vessels.

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 No. HTS/ETS 39078-19 AHB/TW/AC and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.