

## 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.

<b>Manufacturer</b>	<b>Autronica Fire &amp; Security AS</b>
<b>Address</b>	Bromstadvegen 59, Trondheim, 7047, Norway
<b>Place of Production</b>	Autronica Fire & Security AS Bromstadvegen 59, Trondheim, 7047, Norway
<b>Type</b>	Fire Detection Alarm Systems
<b>Description</b>	Ex barrier unit
<b>Trade Name</b>	BZ-500 (HW Version 12.3)
<b>Application</b>	Marine, offshore and industrial applications suitable for use in environmental categories ENV1, ENV 2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – March 2019.
<b>Specified Standard</b>	IEC 60092-504: 2016 EN 54-18: 2005 IACS E10 Rev.8/2021
<b>Other Conditions</b>	Ratings 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.

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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:** This certificate supersedes certificate number LR2184563TA issued on 21 June 2021 which is hereby cancelled.

The Design Appraisal Document HTS/ETS 42198-22 MK/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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