

# 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>Type</b>	Fire Detection Alarm Systems
<b>Description</b>	Manual call points with SelfVerify for fire detection systems
<b>Trade Name</b>	BF-300V2, BF-500V2/EX, BF-501, BF-501/Ex, BF-502, BF-502/N, BF-502/Ex, BF-510WP-H
<b>Application</b>	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
<b>Specified Standard</b>	IEC 60092-504: 2016 EN 54-11: 2001 / A1: 2005
<b>Additional Tests</b>	Type BF-300V2, BF-502/Ex and BF-510WP-H: Salt mist test Compass safe distance Low temperature test -40°C  Degree of protection:

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## 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.