

NIPPON KAIJI KYOKAI

Certificate

Certificate No. TA241480E(AL)

OF

TYPE APPROVAL

Name of Product

: Flame Detector

Type

: BG-201, BG-21,

BG-301, BG-301-EXIA, BG-301-EXIC

Descriptions

: See Annex.

Testing standard

: EN 54-10:2002+A1:2005

IEC 60092-504:2001 IEC 60092-504:2016

Manufacturer

: Autronica Fire and Security AS

Bromstadvegen 59, N-7047, Trondheim, Norway

Documentation

: See Annex.

Limitation

: See Annex.

THIS IS TO CERTIFY that the above type has been approved by Nippon Kaiji Kyokai with approval No. N-1280 and that products of the type will be accepted for use on ships classed with the Society as complying with the relevant requirements of the Society's Rules for the Survey and Construction of Steel Ship and with the International Convention for the Safety of Life at Sea 1974 as amended subject to conditional upon product verification being carried out in the presence of the surveyor of the Society.

This certificate is valid until 17 December 2027.

Issued at Tokyo on 24 December 2024.

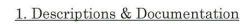
NIPPON KAIJI KYOKAI

M/Irisawa

General Manager Class

Material and Equipment Department

Annex to Certificate No. TA241480E(AL)



Classiv		
Type	Description	Documentation (Incl. Test report)
BG-201	Interactive IR flame detector with isolator	Product Datasheet Doc-1000332-3, 2021-01-13 BRE Global Ltd. TE 276617 BRE Global Ltd. TE 276617-SW-A1 Nemko Report No. E12044.00
BG-21	Conventional IR flame detector	Nemko Report No. E18217.00 Product Datasheet Doc-1000335-1, 2021-05-19 BRE Global Ltd. TE 276617 Nemko Report No. E12044.00 Nemko Report No. E18217.00
BG-301	Interactive IR3 flame detector with short circuit isolator	Product Datasheet Doc-1005449-5, 2024-11-07 DPL OBR CTM S.A. Report No. DPL/003/039/24 CNBOP-PIB Report No. 1381/BA/23
BG-301-EXIA	Interactive IR3 flame detector Ex ia version with short circuit isolator	Product Datasheet Doc-1005449-5, 2024-11-07 CNBOP-PIB Report No. 1381/BA/23
BG-301-EXIC	Interactive IR3 flame detector Ex ic version with short circuit isolator	Product Datasheet Doc-1005449-5, 2024-11-07 CNBOP-PIB Report No. 1381/BA/23

2. Limitation

This certificate does not cover the use of the product within gas dangerous zone.