



# TYPE APPROVAL CERTIFICATE

Polish Register of Shipping certifies that the undernoted product type

## FIRE DETECTORS

**BD-200, BD-300, BD-500, BD-500/EX, BD-500/N  
BH-200, BH-300, BH-500, BH-500/EX, BH-500/N  
BH-220, BH-320, BH-520, BH-520/EX, BH-520/N  
BG-21, BG-201**

manufactured by  
**Autronica Fire and Security AS**  
**Bromstadveien 59**  
**NO-7047 Trondheim**  
**Norway**

is approved as complying with the requirements of the

PRS Rules and is suitable for use on board of ships classified by PRS  
or in appliances with PRS certificates.

Certificate No. **TE/1033/930052/22**

Expiry date **2027-11-12**

Issued at

**Gdańsk, 2022-01-18**



**C/020/57**

Signature

Polski Rejestr Statków S.A.  
al. Gen. Józefa Hallera 126  
80-416 Gdańsk, Poland

Tel. +(48) 58 346 17 00  
Fax +(48) 58 346 03 92

mailbox@prs.pl  
www.prs.pl

Continued overleaf

Product description:

BD-200 - Heat detector,  
 BD-300, BD-500, BD-500/EX, BD-500/N - Heat detectors with SelfVerify function,  
 BH-200 – Optical smoke detector,  
 BH-300, BH-500, BH-500/EX, BH-500/N – Optical smoke detector with SelfVerify function,  
 BH-220 – Combined Heat/Smoke Detector,  
 BH-320, BH-520, BH-520/EX, BH-520/N – Combined Heat/Smoke Detector with SelfVerify function,  
 BG-21, BG-201 – IR Flame Detector.

Technical data:

Voltage: 10-27 V d.c.  
 Current consumption: <0,3 mA (BG-21 and BG-201 2,1 mA).  
 Ambient temperature: -25 to +70 °C (BG-21 and BG-201 -40 to +70 °C).  
 Material: Polycarbonate/ABS.  
 Degree of protection: IP44\* (BG-21 and BG-201 IP66/67).

\* requires approved cable glands and/or plugs of minimum the same IP level.

Basis of approval

1. The technical documentation approved by PRS on 2022-01-12.
2. The inspection of the production process and quality control system carried out on 2021-12-17.
3. The Quality Management System (ISO9001) Certificate No. 900776 issued by Nemko.
4. Reports from environmental tests carried out acc. to PRS Publication 11/P (Ed. July 2021).
5. PRS Survey Report No. TM/PU/01/22 issued on 2022-01-12.
6. The previous PRS Type Approval Certificate No. TE/2139/930052/16.

Additional conditions and remarks:

1. Each product is to be marked with: manufacturer name/logo, type, serial number, basic technical data.
2. The condition for maintain validity of this Certificate is to maintain validity of a.m. ISO9001 Certificate.
3. Ex certification is not covered by this Type Approval.
4. Autronica Fire and Security AS Division Maritime Agent, Distributor and Service Representative:  
 SEALAB Sp. z o.o., Ul. Koperkowa 57, 81-589 Gdynia.

Notes

- 1 The approval is valid only when the product is used in accordance with the manufacturer's conditions.
- 2 Changes of product design and materials which influence product quality are to be agreed with PRS.
- 3 Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS' consent, not advising PRS of the manufacturer's name change.

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