



Certificate number: 61810/B0 BV

File number: AP4928

Product code: 3947H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

SAMSON AKTIENGESELLSCHAFT

Frankfurt am Main - GERMANY

for the type of product

LIMIT/POSITION/PROXIMITY SENSORS

Limit Switch

4747

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 43S, 33S

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 02 Oct 2030

For Bureau Veritas Marine & Offshore,

At BV HAMBURG, on 02 Oct 2025,

Dirk Hoepfner

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <https://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypec.jsp?id=bbj4ibfe5k>

BV Mod. Ad.E 530 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

The **4747** limit switch with inductive or electric limit contacts issue an electric signal when a valve travel exceeds or fall below an adjusted limit.

Main Characteristics (acc. to EB 4747 EN Edition January 2025)

Switching element:	Inductive: NAMUR NC, 1 or 2 contacts Electric: Changeover contact, 2 contacts
Switching angle:	< 100° adjustable
Electrical connection:	M20x1.5 or ½ NPT
Housing material:	Aluminium, Stainless steel
Degree of protection:	IP66

2. DOCUMENTS AND DRAWINGS:

- Assembly drawings: 1045-0185-SWD dated 29.07.2019; 1045-0186-SWD dated 29.07.2019;
1050-1318- SWD dated 22.07.2019; 1050-1320-SWD dated 13.03.2019; 1050-1322-SWD dated 13.03.2019;
1050-1783-SWD dated 13.03.2019; 1050-1784-SWD dated 13.03.2019; 1050-1787-SWD dated 13.03.2019

For B0 version:

- Data Sheet: T47470en Edition April 2023;
- Manual: EB 4747 EN Edition January 2025;

3. TEST REPORTS:

- Phoenix Testlab: U190720E1 dated 08.04.2020

For B0 version:

- VDE: 206338-1 dated 2015-03-05; 206338-2 dated 2015-03-23

4. APPLICATION/LIMITATION:

4.1 - Bureau Veritas Rules for the Classification of Steel Ships

4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.3 - Bureau Veritas Environmental Category: **EC Code: 43S, 33S**

4.4 - Only Hardware tested in compliance with the Rules as referred to in page one, according to the declaration of the manufacturer is covered by this certificate.

4.5 - The equipment, once installed on board ship, is to be tested in accordance with the above referred Rules under the supervision of a Society's Surveyor.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above mentioned products are to be supplied by **SAMSON AG** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **SAMSON AG** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **SAMSON AG** has declared to Bureau Veritas the following production site:

SAMSON AG
Weismüllerstraße 3
60314 Frankfurt
GERMANY

6. MARKING OF PRODUCT:

- Maker's name or trademark
- Equipment type or model identification
- Date of manufacture and/or serial number

7. OTHERS:

7.1 - It is the responsibility of **SAMSON AG** to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 61810/A0 BV issued on 09 Nov 2020 by the Society.

*** END OF CERTIFICATE ***