

Certificate



No.: 968/FSP 1447.06/21

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| Product tested | Person detection system | Certificate holder | Amazon Robotics 300 Riverpark Drive North Reading, MA 01864 USA |
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| Type designation | SRBRS, for details of the module types and safety functions see current "Revision List". |
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| Codes and standards | ISO 13849-1:2015 IEC 61508 Parts 1-7:2010 | IEC 61496-1:2020 (Chapters 4.1.1, 4.1.2, 4.2.3, 5.2.1, 5.2.2) |
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| Intended application | The SRBRS system initiates safety functions within drive units approaching personnel equipped with a SRBRS vest. The SRBRS system meets the requirements of SIL 2 according to IEC 61508 and Cat. 3 / PL d according to ISO 13849-1. The SRBRS system can be used in the application area of IEC 62061:2021 up to SIL 2. The SRBRS system can be used in combination with the Atlas (G and S), Hercules (H), Pegasus (P), Pegasus Large (P-L), Pegasus Tall (P-T) and Xanthus (X) drive units. |
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| Specific requirements | The SRBRS system shall be used according to the provisions described in the user manual and shall only be used in Amazon warehouses within a well-defined use environment as described. The evaluation result of the SRBRS person detection system is only valid if the system is operated within such an environment. |
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Valid until 2026-12-16

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 1447.06/21 dated 2021-12-14. This certificate is valid only for products, which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2021-12-16

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Gebhard Bouwer