

Certificate



No.: 968/FSP 1447.02/18

Product tested Person detection system **Certificate holder** Amazon Robotics, LLC
300 Riverpark Drive
North Reading, MA 01864
USA

Type designation SRBRS

Codes and standards IEC 61496-1:2012 + Corr. 1:2015 (in extracts)
ISO 13849-1:2015 IEC 62061:2015
IEC 61508 Parts 1-7:2010

Intended application The SRBRS system initiates the safety functions Aafely-Limited Speed (SLS) and Safe Stop 2 time controlled (SS2-t) respectively for drive units approaching personnel equipped with a SRBRS vest. The SRBRS system meets the requirements of SIL 2 / SIL CL 2 acc. to IEC 61508 / IEC 62061 and Cat. 3 / PL d acc. to ISO 13849-1. The SRBRS system can be used in combination with the Atlas (G and S) and Hercules (H) drive units.

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.

Valid until 2023-03-16

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1447.02/18 dated 2018-03-16.

This certificate is valid only for products which are identical with the product tested.

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Köln, 2018-03-16

Certification Body Safety & Security for Automation & Grid

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