

Certificate



No.: 968/FSP 1728.03/22

Product tested Floor Intrusion Detection (FIDO) system
Certificate holder Amazon Robotics
300 Riverpark Drive
North Reading, MA 01864
USA

Type designation FIDO, for details of the module types see current "Revision List".

Codes and standards IEC 61496-1:2020
IEC 61496-2:2020
ISO 13849-1:2015
IEC 61508 Parts 1-7:2010

Intended application The FIDO system detects Drive Unit (DU) and person behaviours in the workstation window of a floor and can prevent hazardous situations by preventing DU movement.
The FIDO system meets the requirements of SIL 1 acc. to IEC 61508 and Cat. 2 / PL c acc. to ISO 13849-1 and can be used in applications up to these safety levels as well as in application area of IEC 62061:2021.

The FIDO system must be used in combination only with DUs containing a SRBRS person detection system.

Specific requirements The FIDO 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 FIDO system is only valid if the system is operated within such an environment.

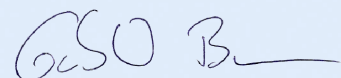
Valid until 2027-09-23

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 1728.03/22 dated 2022-09-16. This certificate is valid only for products, which are identical with the product tested.

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Köln, 2022-09-23

Certification Body Safety & Security for Automation & Grid


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