

# Certificate



**No.: 968/FSP 1728.02/21**

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

**Type designation** FIDO  
Details see Revision List

**Codes and standards** EN 61496-1:2013 (in extracts) IEC 61508 Parts 1-7:2010  
EN 61496-2:2013 (in extracts) ISO 13849-1:2015  
EN 62061:2005 + AC:2010 + A1:2013 + A2:2015

**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 / SILCL 1 acc. to IEC 61508 / EN 62061 and Cat. 2 / PL c acc. to ISO 13849-1. 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 2023-08-18

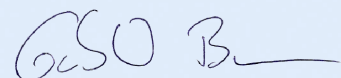
The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1728.02/21 dated 2021-03-29.

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

**TÜV Rheinland Industrie Service GmbH**  
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Köln, 2021-03-30

Certification Body Safety & Security for Automation & Grid

  
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