

# Certificate



**No.: 968/FSP 1437.01/18**

<b>Product tested</b>	Integrated Safety Functions STO, SOS, SS2-t and SLS of the Hercules Drive Unit	<b>Certificate holder</b>	Amazon Robotics, LLC 300 Riverpark Drive North Reading, MA 01864 USA
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<b>Type designation</b>	H
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<b>Codes and standards</b>	IEC 61800-5-2:2016 (in extracts) IEC 62061:2015	ISO 13849-1:2015 IEC 61508 Parts 1-7:2010
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<b>Intended application</b>	The integrated safety functions STO, SOS, SS2-t and SLS comply with the requirements of SIL 2 / SIL CL 2 acc. to IEC 61800-5-2 / IEC 62061 / IEC 61508 and Cat. 2 / PL d acc. to ISO 13849-1. They can be used up to these safety levels in an application to move shelves within a Mobile Robotic Fulfillment System (MFS) of an Amazon warehouse.
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<b>Specific requirements</b>	The instructions of the associated Installation, Operating and Safety Manual shall be considered.
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Valid until 2023-03-15

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1437.01/18 dated 2018-03-15.

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

**TÜV Rheinland Industrie Service GmbH**  
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Köln, 2018-03-15

Certification Body Safety & Security for Automation & Grid

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