

Certificate



No.: 968/FSP 2132.01/21

Product tested Integrated Safety Functions of the Xanthus Drive Unit
Certificate holder Amazon Robotics
300 Riverpark Drive
North Reading, MA 01864
USA

Type designation X
for details of the module types and the safety functions see current "Revision List".

Codes and standards ISO 13849-1:2015 IEC 61800-5-2:2016, 4.2, 9.4, 9.5.2, Annex D
IEC 61508 Parts 1-7:2010

Intended application The integrated safety functions comply with the requirements of SIL 2 according to IEC 61508 and Cat. 3 / PL d according to ISO 13849-1. They can be used in applications within a Mobile-Robotic Fulfillment System (MFS) or a Mobile-Robotic Sortation System (MSS) of an Amazon warehouse up to these safety levels. The integrated safety functions of the Xanthus DU can be used in the application area of IEC 62061:2021 up to SIL 2.

Specific requirements The instructions of the associated Installation, Operating and Safety Manual shall be considered.

Valid until 2026-10-14

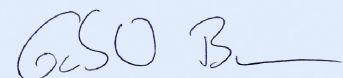
The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2132.01/21 dated 2021-10-14.

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

TÜV Rheinland Industrie Service GmbH
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Köln, 2021-10-14

Certification Body Safety & Security for Automation & Grid


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