

Certificate



Product Safety
Functional
Safety

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ID 060000000

No.: 968/EZ 554.03/21

Product tested	Non-Contact Coded Safety Switches	Certificate holder	ABB AB / Jokab Safety Varlabergsvägen 11 434 39 Kungsbacka Sweden
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Type designation	Sense1, Sense3, Sense3Z, Sense5Z, Sense7, Sense7Z, Sense9, Sense9Z, Sense11, Sense11Z		
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Codes and standards	IEC 60947-5-3:2013 ISO 13849-1:2015	ISO 14119:2013
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Intended application	The coded Non-Contact Safety Switches in combination with an external control/monitoring device comply with the requirements of Cat. 4 / PL e in accordance with ISO 13849-1. They comply also with the product standard IEC 60947-5-3 as a PDDB and are type 4 devices with low coding in accordance with ISO 14119.		
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Specific requirements	If the products are used in safety related applications with infrequently operated guards, then the safety function shall be checked for hidden faults at least once per year for PL d and at least once per month for PL e. The provisions described in the user documentation shall be considered for the application.		
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Valid until 2025-12-17

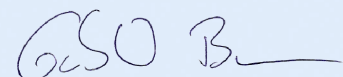
The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 554.03/21 dated 2021-01-28.

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

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2021-01-28

Certification Body Safety & Security for Automation & Grid


Dipl.-Ing. Gebhard Bouwer

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