

Certificate



No.: 968/EZ 554.01/14

Product tested	Non-Contact Coded Safety Switches	Certificate holder	ABB AB / Jokab Safety Varlabergsvägen 11 434 39 Kungsbacka Sweden
Type designation	Sense1, Sense3, Sense3Z, Sense5Z, Sense7, Sense7Z, Sense9, Sense9Z, Sense11, Sense11Z		
Codes and standards	EN 60947-5-3:1999 + A1:2005 EN 60947-5-2:1998 + A1:1999 + A2:2004	EN ISO 13849-1:2008 + AC:2009	
Intended application	Non-Contact Coded Safety Switches for interlock hinge, sliding or removal guard doors. In combination with a an appropriate down-stream safety module they fulfil the requirements for PDF-S acc. to EN 60947-5-3 and can be used for gate monitoring in application up to PL e acc. to EN ISO 13849-1.		
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.		
Valid until 2018-07-11			

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 554.01/14 dated 2014-10-31.
This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

TÜV Rheinland Industrie Service GmbH

Bereich Automation
Funktionale Sicherheit

Am Grauen Stein, 51105 Köln

Köln, 2014-10-31

Certification Body for FS-Products

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