

# Certificate



Product Safety  
Functional  
Safety

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**No.: 968/A 163.05/18**

<b>Product tested</b>	System to collect and transmit the position and the velocity of the lift car in the elevator shaft LIMAX33 RED	<b>Certificate holder</b>	ELGO Batscale AG Föhrenweg 20 9496 Balzers Liechtenstein
<b>Type designation</b>	LIMAX3R-03-xxx-0500-CNXTG-RJU (‘xxx’ = cable length x 10 cm, ‘xxx’ ≤ ‘050’)		
<b>Codes and standards</b>	EN 81-20:2014 EN 81-50:2014 EN 81-1:1998 + A3:2009 EN 81-2:1998 + A3:2009	IEC 61508 Parts 1-7:2010 IEC 61784-3:2017 (in extracts) ASME A17.1/CSA B44:2016, clause 2.26.4.3.2	
<b>Intended application</b>	The LIMAX33 RED device is used to collect and transmit the position and the velocity of the lift car in the elevator shaft. It is suitable for safety related applications up to SIL 3 (IEC 61508 / EN 81-20 / EN 81-1/-2 / ASME A17.1/CSA B44) and can be used by an appropriate downstream safety processing unit to implement applicable safety functions up to SIL 3 acc. to EN 81-20 resp. EN 81-1/-2, Annex A each, or ASME A17.1/CSA B44, table 2.26.4.3.2.		
<b>Specific requirements</b>	For the use of the LIMAX33 RED device the Operating Manual as well as the LIMAX S-RMS / S-RMS2 Mounting Instructions Manual shall be considered.		

Valid until 2023-03-28

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/A 163.05/18 dated 2018-03-28.

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

**TÜV Rheinland Industrie Service GmbH**  
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Funktionale Sicherheit  
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Köln, 2018-03-28

Certification Body Safety & Security for Automation & Grid

Dr.-Ing. Thorsten Gantevoort