

# Certificate



Product Safety  
Functional  
Safety

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ID 0600000000

**No.: 968/A 173.05/18**

<b>Product tested</b>	System to determine and transmit the position/velocity values of the lift car in the elevator shaft	<b>Certificate holder</b>	CEDES AG Science Park / Kantonsstr. 14 7302 Landquart Switzerland
<b>Type designation</b>	Absolute Positioning Sensor (APS), For details see actual Revision List		
<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 ASME A17.5/CSA B44.1:2014, chapter 18 + table 12	
<b>Intended application</b>	The APS device is used to determine and transmit the position and velocity values 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. 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 APS device the respective Installation and Operating Manual as well as the associated Safety Manual shall be considered.		

Valid until 2023-05-25

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/A 173.05/18 dated 2018-05-25.

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, 2018-05-25

Certification Body Safety & Security for Automation & Grid

Dr.-Ing. Thorsten Gantevoort