

Certificate



Product Safety
Functional
Safety

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ID 0600000000

No.: 968/A 173.13/23

Product tested	System to determine and transmit the position/velocity values of the lift car in the elevator shaft	Certificate holder	CEDES AG Science Park / Kantonsstr. 14 7302 Landquart Switzerland
Type designation	Absolute Positioning Sensor (APS), For details see current Revision List		
Codes and standards	EN 81-20:2020 EN 81-50:2020 EN 81-1:1998 + A3:2009 EN 81-2:1998 + A3:2009	EN 61508 Parts 1-7:2010 EN IEC 61784-3:2021, 5.5, 5.8, Annexes A, B, and D ASME A17.1/CSA B44:2019, clause 2.26.4.3.2 ASME A17.5/CSA B44.1:2019, chapter 18 + table 12	
Intended application	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 (EN 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. ASME A17.1/CSA B44, section 2.26.4.3.2.		
Specific requirements	For the use of the APS device the respective Installation and Operating Manual as well as the associated Safety Manual shall be considered.		

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP5 V3.0:2020 in its actual version, whose results are documented in Report No. 968/A 173.13/23 dated 2023-05-22. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-01.

TÜV Rheinland Industrie Service GmbH

Bereich Automation

Funktionale Sicherheit

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Köln, 2023-05-25

Certification Body Safety & Security for Automation & Grid

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