Certificate





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.

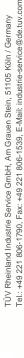
The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP5 V3.0:2020 in its actual version, whose results are documented in Report No. 968/A 173.13/23 dated 2023-05-22. This certificate is valid only for products, which are identical with the product 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 Am Grauen Stein, 51105 Köln

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Gebhard Bouwer



Köln, 2023-05-25

