

Certificate



Product Safety
Functional
Safety

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ID 060000000

No.: 968/FSP 2002.00/20

Product tested	Sensor system to transmit position and velocity information.	Certificate holder	CEDES AG Science Park / Kantonsstr. 14 7302 Landquart Switzerland
Type designation	EsAPS S-1-CAN-1-E2-02/00-A/X-M-R, [5.0 8.0]		
Codes and standards	EN 115-1:2017 EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	IEC 61508 Parts 1-7:2010 IEC 61784-3:2017 (in extracts)	
Intended application	The EsAPS device can be used to capture the motion of its associated code tape and determine and transmit position and velocity information based on that code tape's motion. The EsAPS device is suitable for safety related applications up to SIL 2 acc. to IEC 61508 / EN 62061 and its position and velocity information can be used by an appropriate downstream safety processing unit to implement applicable safety functions up to SIL 2 acc. EN 115-1, table 8 under the constraint that the average demand rate of those safety function(s) is ≥ 40 minutes.		
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.		

Valid until 2025-06-08

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2002.00/20 dated 2020-06-08.
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, 2020-06-08

Certification Body Safety & Security for Automation & Grid

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