

EC Type-Examination Certificate



Product Safety
Functional
Safety

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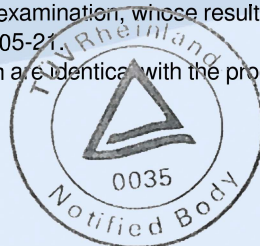
Reg.-No.: 01/205/5702.01/24

Product tested	Magnetic Linear Position Sensor	Certificate holder	SICK AG Erwin-Sick-Str. 1 79183 Waldkirch Germany
Type designation	TTK70S-HXA0-K02, TTK70S-HXJ0-K02, TTK70S-HXI0-K02, TTK50S-HXJ0K02, TTK50S-HXI0K02, TTK50S-HXQ0K02, TTK50S-HXM0K02 (Sensors) MVM-XXM-2MC-MKLB, MVM-01M2MCMKLB (Tape)		
Codes and standards	EN 61800-5-2:2007 EN 61800-5-2:2017 EN ISO 13849-1:2023	EN 61508 Parts 1-2 and 4-7:2010 DIN EN 61010-1:2020-03	
Intended application	The Magnetic Linear Position Sensor complies with the requirements of the relevant standards (PL d / Cat. 3 according to EN ISO 13849-1, SIL 2 according to EN 61800-5-2 / EN 61508) and can be used in applications up to PL d and SIL 2. The product can be used in the application area of EN IEC 62061:2021.		
Specific requirements	The instructions of the associated Implementation and Operating Manual shall be considered. The drive control shall perform the vector length check of the SIN/COS signals and in case of relative positioning related safety functions the comparison with the digital position value.		

It is confirmed, that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2029-05-27

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1797.01/24 dated 2024-05-21.
This certificate is valid only for products which are identical with the product tested.



Köln, 2024-05-27

Notified Body for Machinery, NB 0035

Sabine Wiegand

Dipl.-Ing. (FH) Sabine Wiegand

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