

EC Type-Examination Certificate



Product Safety
Functional
Safety

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Reg.-No.: 01/205/5073.01/16

Product tested	HIPERFACE® Rotary Encoders	Certificate holder	SICK STEGMANN GmbH Dürrheimer Str. 36 78166 Donaueschingen Germany
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Type designation	SRS50S-xxx0-ynn (single turn), SRM50S-xxx0-ynn (multi turn)
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Codes and standards	EN 61800-5-2:2007 ISO 13849-1:2015	EN 62061:2005 + AC:2010 + A1:2013 + A2:2015 IEC 61508 Parts 1-7:2010
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Intended application	Motion control applications. Support of safety functions based on sin/cos position information. The encoders comply with the requirements of the relevant standards (Cat. 3 / PL d acc. to EN ISO 13849-1, SIL CL 2 acc. to EN 61800-5-2 / EN 62061 / IEC 61508) and can be used - in combination with an external suitable drive control unit, which provides a fault detection capability acc. to PL d resp. SIL 2 - in applications up to PL d and SIL 2.
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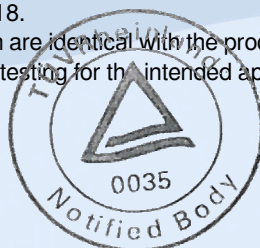
Specific requirements	The instructions of the associated Operating Instructions and the HIPERFACE® Safety Implementation Manual shall be considered.
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It is confirmed, that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2021-01-18

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 293.06/16 dated 2016-01-18.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.



Berlin, 2016-01-18

Notified Body for Machinery, NB 0035

E. Frejno
Dipl.-Ing. Eberhard Frejno