

Safety sheet Measuring system ERD SKM36S

1 Hiperface safety sheet

Note on the Declaration of Conformity

Torque motor axes from SCHUNK and the optionally available controllers comply with the relevant safety directives. Observe the information in the Declaration of Incorporation supplied with the product.

SCHUNK products are intended for installation in a machine/automated system. After installation, the manufacturer of the machine/automated system is obliged to draw up a Declaration of Conformity for the entire system in accordance with the EC Machinery Directive or the EC Low Voltage Directive.

Notes on the installation of the measuring system

SCHUNK hereby confirms that the measuring system has been mechanically fastened to the torque motor axis at the factory in accordance with the generally recognized rules of technology in such a way that unintentional release or breakage of the fastening can be safely ruled out. The above-mentioned measuring system is approved by SCHUNK.

If it is necessary to replace the measuring system or retrofit it to the torque motor axis, it is essential to observe the following instructions:



⚠ WARNING

Risk of injury/material damage due to improper installation!

Improper assembly and/or installation of a measuring system not approved by SCHUNK can lead to serious injuries or even death. Components can be damaged.

- Only install measuring systems approved by SCHUNK in compliance with the relevant manufacturer's specifications.
- Install professionally and in accordance with the generally recognized rules of technology; safely rule out unintentional release or breakage of the fastening.

EC Type-Examination Certificate



Product Safety
Functional
Safety

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Reg.-No.: 01/205/5068.02/21

Product tested HIPERFACE® Rotary Encoders **Certificate holder** SICK STEGMANN GmbH
Dürrheimer Str. 36
78166 Donaueschingen
Germany

Type designation SKS36S (Standard and Stand-alone),
SKM36S (Standard and Stand-alone)

Codes and standards EN 61800-5-2:2007 EN ISO 13849-1:2015
EN 61800-5-2:2017 EN 61508 Parts 1-7:2010
EN 62061:2005 + AC:2010 +
A1:2013 + A2:2015

Intended application Motion control applications.
The HIPERFACE® Rotary Encoders comply with the requirements of the relevant standards (Cat. 3 / PL d according to EN ISO 13849-1, SIL 2 / SILCL 2 according to EN 61800-5-2 / EN 61508 / EN 62061). In combination with an external suitable drive control unit, which provides suitable fault detection capability, they can be used in applications up to PL d and SIL 2.

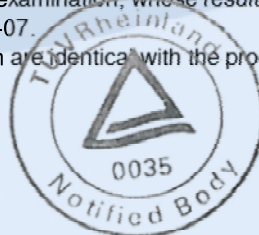
Specific requirements The instructions of the associated Operating Instructions and the HIPERFACE® Safety Implementation Manual shall be considered.

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 2026-01-11

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 270.05/21 dated 2021-01-07.

This certificate is valid only for products which are identical with the product tested.



Köln, 2021-01-11

Notified Body for Machinery, NB 0035

Dipl.-Ing. Jelena Stenzel