

Safety sheet ERD with DRIVE-CLiQ Encoder EQN1135S

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.



Product Service

EC-Attestation

No. D1 18 01 20196 169

Holder of Certificate: DR. JOHANNES HEIDENHAIN GmbHDr.-Johannes-Heidenhain-Str.5
83301 Traunreut
GERMANY**Product:** Safety components
Rotary encoder with digital serial interface**Model(s):** Series R35, optical**Parameters:** Rotary encoders for absolute position values
with safe singleturn information

The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met. The certified components are listed in report HT91865C-A in the current valid revision.

Directives / Standards:2006/42/EG
EN 61508-1:2010 (SIL 2)
EN 61508-2:2010 (SIL 2)
EN 61508-3:2010 (SIL 2)
EN 61508-4:2010 (SIL 2)
EN ISO 13849-1:2015 (Cat. 3, PL d)
EN 61800-5-2:2007

This EC-Attestation is issued according to the listed directives. It confirms that the equipment complies with the essential requirements and objectives of those directives and refers only to the sample provided for testing and certification. It expires in the event of changes relating to products of the listed directives. The certificate holder is responsible for the consistent manufacturing of the product in compliance with the test sample submitted to us. See also notes overleaf.

Test report no.: HT91865C**Date,** 2018-01-23

(Peter Weiss)



After preparation of the necessary technical documentation as well as the EC conformity declaration the required CE marking can be affixed on the product. Other relevant directives have to be observed.

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