

# Certificate



Functional  
Safety

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**No.: 968/FSP 2310.00/21**

<b>Product tested</b>	Safety function "Safe Torque Off" (STO) within LEO-K100 series drives	<b>Certificate holder</b>	Atlas Copco (Wuxi) Compressor Co., Ltd. No.22 Changjiang Road, Xinwu District, Wuxi City, Jiangsu Province, 214028 P.R. China
<b>Type designation</b>	LEO-K100 series drive; Details see latest "Revision List".		
<b>Codes and standards</b>	IEC 61800-5-2:2016 IEC 61800-5-1:2007 + A1:2016 IEC 61800-3:2017 ISO 13849-1:2015	IEC 62061:2015 IEC 61508 Parts 1-7:2010 EN 60204-1:2018, 9.2.2 Stop Category 0	
<b>Intended application</b>	The safety function STO (acc. to IEC 61800-5-2) complies with the requirements of the relevant standards (PL d / Cat. 3 according to ISO 13849-1, SIL 2 according to IEC 61800-5-2 / IEC 61508, and SIL CL 2 according IEC62061) and can be used in applications up to these safety levels.		
<b>Specific requirements</b>	The instructions of the associated Operating Manual and Safety Manual shall be considered.		

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2310.00/21 dated 2021-08-16.

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

**TÜV Rheinland Industrie Service GmbH**  
Bereich Automation  
Funktionale Sicherheit  
Am Grauen Stein, 51105 Köln

Köln, 2021-08-27

Certification Body Safety & Security for Automation & Grid

*Dr. R. G. A.*

Dr.-Ing. Thorsten Gantevoort

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