

Certificate

1435.IM.133346/24, V1.0

TÜV NORD Systems GmbH & Co. KG hereby certifies to

Nanotec Electronic GmbH & Co KG

Kapellenstraße 6
85622 Feldkirchen
Germany

that the drive serie with STO function

PD6

meets the requirements listed in the following standard

IEC 61508-1:2010	Functional Safety for E/E/PES - General requirements	applicable up to SIL 3
IEC 61508-2:2010	Functional Safety for E/E/PES - Requirements for E/E/PES	applicable up to SIL 3
IEC 61800-5-2:2016	Adjustable speed electrical power drive systems	applicable up to SIL 3
ISO 13849-1:2023	Safety of machinery – General principle for design	applicable up to PL e
ISO 13849-2:2012	Safety of machinery - Validation	

Certification program Leittechnik (SEB-ZE-SEECERT-VA-320-20, Rev 6/04.24)

The certification is based on the valid version of report 1435.IM.133346/24IR and the list of released variants in the respective valid version. The certificate entitles the holder to use the depicted conformity mark.

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Hamburg, 2025-11-06

Bianca Pfuff, Certification body SEECERT

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GmbH & Co. KG

Safety Approved

PD6

IEC61508-1:2010 SIL 3
IEC 61508-2:2010 SIL 3
IEc 61800-5-2:2016 SIL 3
ISO 13849-1:2023 PL e
ISO 13849-2:2012

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